

Date: 01.07.2024

Revision: 1

Name: COSHH Assessments
Authorised by Managing Director



CM Builders

CM Building and Landscaping LTD

COSHH Assessments

INSERT ADDRESS

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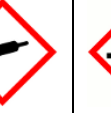
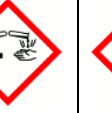
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COSHH Assessment Sheet

Product Name	AdBlue				COSHH Assessment No.	001
Route of Entry	Skin Absorption	X	Eyes	X	Inhalation	Description AdBlue, a urea-based solution used in diesel engines to reduce emissions of nitrogen oxides.
	Ingestion	X	Cuts Abrasions		Injection	
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases	R36: Irritating to eyes. R38: Irritating to skin.
	Not applicable for AdBlue under normal conditions.		Not applicable for AdBlue under normal conditions.		Safety Phrases	S2: Keep out of the reach of children. S24: Avoid contact with skin. S25: Avoid contact with eyes. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37: Wear suitable gloves. S39: Wear eye/face protection.
Task/Activity/Work Practice	Refilling SCR systems on diesel engines.				Date:	01/07/2024
Supplier's Name and Address	Samuel Banner & Co Ltd 2M House Sutton Quays Business Park Clifton Road Sutton Weaver RUNCORN WA7 3EH, UK				Supplier's Telephone and Fax Numbers	+44 (0)1928 597 000 (General Enquiries) +44 (0)1928 240 801 (Fax)
Physical Form and Hazardous Assessment						
Dust		Toxic – Asphyxiate				Bacterial
Fumes		Toxic – Poison				Viral
Vapour		Toxic – Narcotic				Fungal
Gas		Toxic – Nervous System				Fauna
Liquids	X	Toxic – Metallic				Flora
Solids		Carcinogenic				

Mists		Mutagenic		
Aerosols		Teratogenic		
Fibres		Corrosive/Irritant	X	
		Dermatitic		

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment

Persons Who may be Affected













Employees	X	Lawful Visitors		Pregnant Women/Nursing Mothers	
Contractors	X	Unlawful Visitors		Lone Workers	
Members of the Public		Young People		Shift Workers	

Where is Material Used

Outside	x	Inside – good ventilation	Inside – poor ventilation	Confined Space
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Control Measures

Health Risks	Control Measures
<ul style="list-style-type: none"> • Eye and skin irritation from direct contact. • Potential respiratory irritation if aerosols or mists are inhaled. 	<ul style="list-style-type: none"> • Use personal protective equipment when handling large quantities or during spill response. • Store in a cool, well-ventilated place, away from incompatible materials.
First Aid/Hygiene Arrangements	Fire Precautions

<ul style="list-style-type: none"> • Eye Contact: Rinse immediately with plenty of water. Seek medical advice if irritation persists. • Skin Contact: Wash with soap and water. • Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical advice. 	n/a										
Ventilation (LEV/Dilution) Requirements	Disposal Requirements										
Ensure adequate ventilation, especially in areas where spills or leaks can occur.	Dispose of in accordance with local regulations.										
Transport Arrangements	Storage Requirements										
Transport in tightly closed containers.	Store in a cool, well-ventilated place.										
Spillage Requirements	Comments										
Clean up spills immediately, observing safe handling practices.	n/a										
PPE Required											
											
Gloves	Hi Vis	Hard Hat	Ear Prot.	Boots	Overalls	Dust Mask	Respirator	Eye Prot.	Face Prot.	Harness	Hygiene
x								x			
Health Surveillance Required											








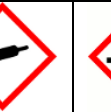

Type: Not typically required but monitor for signs of irritation among workers frequently handling AdBlue				Interval – 6 Monthly			
Residual Risk:	Tolerable	Low	x	Medium	High	Very High	
Assessor:							
Name:		Signature:		Post:		Date:	
Sean Toomey CertIOSH		<i>Sean Toomey CertIOSH</i>		SHEQ Consultant		01/07/2024	
Review of Risk Assessment							
Date for Review:		Carried out by:		Findings:		Signature:	
01/07/2025							

COSHH Assessment Sheet

Product Name	Adocure Safecure Super					COSHH Assessment No.	002
Route of Entry	Skin Absorption	X	Eyes	X	Inhalation	X	Description
	Ingestion	X	Cuts Abrasions		Injection		
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases	R10: Flammable R20: Harmful by inhalation R21: Harmful in contact with skin R22: Harmful if swallowed R36: Irritating to eyes R37: Irritating to respiratory system R38: Irritating to skin R65: Harmful: may cause lung damage if swallowed R66: Repeated exposure may cause skin dryness or cracking R67: Vapours may cause drowsiness and dizziness	
	Not provided		Hydrocarbons 100ppm, Kerosene NDA		Safety Phrases	S2: Keep out of the reach of children S16: Keep away from sources of ignition – No smoking S24: Avoid contact with skin S25: Avoid contact with eyes S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S37: Wear suitable gloves S39: Wear eye/face protection S51: Use only in well-ventilated areas	
Task/Activity/Work Practice	Application of Adocure Safecure Super as a concrete curing compound				Date:	01/07/2024	
Supplier's Name and Address	Adomast Manufacturing Ltd, Barkston Road, Carlton Industrial Estate, Barnsley S71 3HU				Supplier's Telephone and Fax Numbers	Tel: 01226 707863; Fax: 01226 718051	
Physical Form and Hazardous Assessment							
Dust		Toxic – Asphyxiate			Bacterial		

Fumes		Toxic – Poison		Viral	
Vapour		Toxic – Narcotic		Fungal	
Gas		Toxic – Nervous System		Fauna	
Liquids	X	Toxic – Metallic		Flora	
Solids		Carcinogenic			
Mists		Mutagenic			
Aerosols		Teratogenic			
Fibres		Corrosive/Irritant			
		Dermatitic			

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
X			X					X

Persons Who may be Affected

Employees	X	Lawful Visitors		Pregnant Women/Nursing Mothers	
Contractors	X	Unlawful Visitors		Lone Workers	
Members of the Public		Young People		Shift Workers	

Where is Material Used

Outside	x	Inside – good ventilation	Inside – poor ventilation	Confined Space	
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Control Measures

Health Risks	Control Measures
May cause skin and eye irritation, respiratory issues, and drowsiness.	Use PPE, and ensure proper first aid measures are available.

First Aid/Hygiene Arrangements	Fire Precautions
<ul style="list-style-type: none"> • Skin contact: Immediately remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists. • Eye contact: Rinse immediately with plenty of water for at least 15 minutes. Get medical attention if irritation persists. • Ingestion: Do not induce vomiting. Rinse mouth and seek medical attention immediately. • Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and get medical attention. 	<ul style="list-style-type: none"> • Use foam, CO2, dry powder, or water spray as extinguishing media. Avoid using water jet. • Keep containers cool by spraying with water if exposed to fire. • Ensure all personnel are accounted for and safe. • Use self-contained breathing apparatus when fighting fires involving chemicals.
Ventilation (LEV/Dilution) Requirements	Disposal Requirements
<ul style="list-style-type: none"> • Use in well-ventilated areas to ensure vapor concentrations do not exceed exposure limits. • Local exhaust ventilation may be necessary if the product is used in confined spaces or if the aerosol/mist cannot be controlled to acceptable levels. 	<ul style="list-style-type: none"> • Dispose of contents/container to an approved waste disposal plant in accordance with local/regional/national/international regulations. <ul style="list-style-type: none"> • Avoid release to the environment.
Transport Arrangements	Storage Requirements
<ul style="list-style-type: none"> • UN Number: 1866, RESIN SOLUTION FLAMMABLE, Class 3, Packing group III • Ensure containers are properly labelled and secured during transport. • Follow regulations for the transport of flammable liquids. 	<ul style="list-style-type: none"> • Store in a well-ventilated place. Keep container tightly closed. • Keep away from heat, sparks, open flame, and other sources of ignition. • Ground and bond containers when transferring material to prevent static discharges.
Spillage Requirements	Comments
<ul style="list-style-type: none"> • Avoid inhalation of vapours and contact with skin and eyes. • Use personal protective equipment. 	<ul style="list-style-type: none"> • Regularly review workplace risk assessments for this product.

- | | |
|---|--|
| <ul style="list-style-type: none"> • Contain spillage, and then collect with non-combustible absorbent material. • Dispose of via a licensed waste disposal contractor. | <ul style="list-style-type: none"> • Ensure all users are trained in the handling of this product and are aware of emergency procedures. • Monitoring of the work environment may be required to ensure exposure levels are maintained below occupational exposure limits. |
|---|--|

PPE Required

											
Gloves	Hi Vis	Hard Hat	Ear Prot.	Boots	Overalls	Dust Mask	Respirator	Eye Prot.	Face Prot.	Harness	Hygiene
x					x			x			

Health Surveillance Required

Type:	Interval
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Residual Risk:	Tolerable	Low	Medium	x	High	Very High
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Assessor:

Name:	Signature:	Post:	Date:
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024










Review of Risk Assessment

Date for Review:	Carried out by:	Findings:	Signature:
01/07/2025			

COSHH Assessment Sheet

Product Name	Asbestos (Chrysotile) Fragments & Fibres				COSHH Assessment No.	003
Route of Entry	Skin Absorption		Eyes		Inhalation	Asbestos (Chrysotile), also known as white asbestos, consists of fine, durable fibers resistant to heat, chemicals, and electricity. It was commonly used in construction materials for insulation, roofing, and flooring. Chrysotile fibers are hazardous when airborne and inhaled, leading to serious respiratory diseases, including asbestosis, lung cancer, and mesothelioma.
	Ingestion		Cuts Abrasions		Injection	
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases	R20: Harmful by inhalation. R45: May cause cancer. R48: Danger of serious damage to health by prolonged exposure.
	As low as reasonably achievable		As low as reasonably achievable		Safety Phrases	S2: Keep out of the reach of children. S22: Do not breathe dust. S36/37: Wear suitable protective clothing and gloves. S53: Avoid exposure - obtain special instructions before use.
Task/Activity/Work Practice	n/a				Date:	01/07/2024
Supplier's Name and Address	n/a				Supplier's Telephone and Fax Numbers	n/a
Physical Form and Hazardous Assessment						
Dust		Toxic – Asphyxiate		Bacterial		
Fumes		Toxic – Poison		Viral		
Vapour		Toxic – Narcotic		Fungal		
Gas		Toxic – Nervous System		Fauna		
Liquids		Toxic – Metallic		Flora		
Solids		Carcinogenic				
Mists		Mutagenic				
Aerosols		Teratogenic				
Fibres		Corrosive/Irritant				
		Dermatitic				

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment

Persons Who may be Affected

Employees	Lawful Visitors	Pregnant Women/Nursing Mothers
Contractors	Unlawful Visitors	Lone Workers
Members of the Public	Young People	Shift Workers

Where is Material Used

Outside	Inside – good ventilation	Inside – poor ventilation	Confined Space
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Control Measures













Health Risks	Control Measures
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<p>Asbestos (Chrysotile) Fragments & Fibres pose significant health risks when inhaled. The fine fibers can become lodged in the lung tissues, leading to several serious conditions:</p> <ul style="list-style-type: none"> • Asbestosis: A chronic lung disease resulting in scarring of lung tissue, characterized by shortness of breath and significantly increased risk of lung infections. • Lung Cancer: A significantly increased risk of lung cancer is associated with asbestos exposure, especially among smokers. • Mesothelioma: A rare form of cancer that affects the lining of the lungs (pleura) or abdomen (peritoneum), almost exclusively associated with asbestos exposure. • Other Cancers: Possible increased risk of laryngeal and ovarian cancers. 	<p>To mitigate these health risks, stringent control measures are essential:</p> <ul style="list-style-type: none"> • Exposure Control: Implement strict control measures to minimize airborne fibers. Use wet methods for handling asbestos to reduce dust, and seal off work areas from the rest of the site. • Respiratory Protection: Use appropriate respiratory protective equipment (RPE) with P3 filters when working with asbestos-containing materials, especially during removal, demolition, or any activity that may disturb asbestos and release fibers. • Protective Clothing: Disposable overalls should be worn to prevent asbestos fibers from contaminating personal clothing and spreading outside the work area. • Decontamination: Establish decontamination procedures for workers and equipment leaving the work area. This includes shower facilities for workers and procedures for safely disposing of protective clothing.
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	<ul style="list-style-type: none"> • Training and Awareness: Ensure all workers and supervisors are trained in asbestos awareness and the specific procedures for working safely with asbestos-containing materials. This training should cover the health risks, control measures, use of protective equipment, and emergency procedures. • Waste Management: Asbestos waste must be collected, sealed in labelled, heavy-duty bags, and disposed of as hazardous waste according to local regulations. Avoid using compressed air for cleaning and prefer HEPA-filtered vacuuming for any cleanup. • Air Monitoring: Conduct regular air monitoring in areas where asbestos work is being performed to ensure fiber concentrations do not exceed legal exposure limits.
First Aid/Hygiene Arrangements	Fire Precautions
<ul style="list-style-type: none"> • Inhalation: Remove person to fresh air; seek medical attention if symptoms develop. • Eye contact: Rinse with water if fibers contact the eyes. • Skin contact: Wash skin thoroughly with soap and water. • Ingestion: Not typically a concern, but seek medical advice if significant amounts are swallowed. 	Non-flammable. However, asbestos can release toxic fumes in a fire.
Ventilation (LEV/Dilution) Requirements	Disposal Requirements
	<p>Asbestos waste must be double-bagged in heavy-duty plastic bags, labelled, and disposed of at licensed hazardous waste disposal sites.</p> <p>Outsourced to a specialist.</p>
Transport Arrangements	Storage Requirements
Follow local regulations for the transport of hazardous materials.	Store unused materials in sealed, labelled containers to prevent fiber release.
Spillage Requirements	Comments

	<p>All work with asbestos should comply with local regulatory requirements, including risk assessments and exposure monitoring.</p> <p>Training on asbestos hazards and safe handling procedures is essential.</p>
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PPE Required

											
Gloves	Hi Vis	Hard Hat	Ear Prot.	Boots	Overalls	Dust Mask	Respirator	Eye Prot.	Face Prot.	Harness	Hygiene
x					x		x	x			x

Health Surveillance Required

Type: Regular medical examinations for individuals exposed to asbestos fibers.

Residual Risk:	Tolerable	Low	Medium	High	x	Very High
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Assessor:

Name:	Signature:	Post:	Date:
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024










Review of Risk Assessment

Date for Review:	Carried out by:	Findings:	Signature:
01/07/2025			

COSHH Assessment Sheet

Product Name	Bituminous Coated Material				COSHH Assessment No.	004
Route of Entry	Skin Absorption	x	Eyes	x	Inhalation	x
	Ingestion		Cuts Abrasions		Injection	
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases	R20: Harmful by inhalation. R36/38: Irritating to eyes and skin. R37: Irritating to respiratory system.
					Safety Phrases	S2: Keep out of the reach of children. S24/25: Avoid contact with skin and eyes. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37: Wear suitable gloves.
Task/Activity/Work Practice	<p>The material is machine laid but there is some requirement to use hand tools to handle and lay especially close to edges and in smaller areas.</p> <p>For use in the repair and construction of roads and paved areas.</p>				Date:	01/07/2024
Supplier's Name and Address	n/a				Supplier's Telephone and Fax Numbers	n/a
Physical Form and Hazardous Assessment						
Dust			Toxic – Asphyxiate			Bacterial
Fumes			Toxic – Poison	x		Viral
Vapour			Toxic – Narcotic			Fungal
Gas	x		Toxic – Nervous System			Fauna
Liquids	x		Toxic – Metallic			Flora
Solids	x		Carcinogenic			
Mists			Mutagenic			
Aerosols			Teratogenic			
Fibres			Corrosive/Irritant			
			Dermatitic			

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
x					x			

Persons Who may be Affected













Employees	x	Lawful Visitors		Pregnant Women/Nursing Mothers	
Contractors	x	Unlawful Visitors		Lone Workers	
Members of the Public		Young People		Shift Workers	

Where is Material Used

Outside	x	Inside – good ventilation	Inside – poor ventilation	Confined Space
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Control Measures










Health Risks	Control Measures
<ul style="list-style-type: none"> Potential for respiratory issues, skin irritation, and eye irritation from fumes and contact. 	<ul style="list-style-type: none"> Use in well-ventilated areas, preferably outdoors. Minimize exposure to fumes. Follow proper heating instructions to avoid overheating.
First Aid/Hygiene Arrangements	Fire Precautions
<ul style="list-style-type: none"> Wash exposed skin with soap and water. Seek medical attention for eye contact or prolonged exposure symptoms. 	<ul style="list-style-type: none"> Store away from open flames and ignition sources. Use appropriate fire extinguishers in case of fire.













Ventilation (LEV/Dilution) Requirements						Disposal Requirements					
Adequate ventilation in work areas, use local exhaust ventilation where possible.						Dispose of according to local regulations for hazardous waste.					
Transport Arrangements						Storage Requirements					
Transport as a non-flammable solid under normal temperatures. Follow regulations for hot materials if transported heated.						Store in a cool, dry place away from direct sunlight and sources of ignition.					
Spillage Requirements						Comments					
Contain spills immediately. Clean up with non-combustible absorbent material.											
PPE Required											
											
Gloves	Hi Vis	Hard Hat	Ear Prot.	Boots	Overalls	Dust Mask	Respirator	Eye Prot.	Face Prot.	Harness	Hygiene
X	X	X		X			X	X			
Health Surveillance Required											
Type: Regular dermatological and respiratory check-ups.						Interval: Annually, or as recommended based on exposure levels.					

Residual Risk:	Tolerable	Low	Medium x High Very High
Assessor:			
Name:	Signature:	Post:	Date:
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024
Review of Risk Assessment			
Date for Review:	Carried out by:	Findings:	Signature:
01/07/2025			

COSHH Assessment Sheet

Product Name	EVERBUILD FEB BRICKCLEANER				COSHH Assessment No.	005
Route of Entry	Skin Absorption	x	Eyes	x	Inhalation	x
	Ingestion		Cuts Abrasions		Injection	
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases	R37: Irritating to respiratory system R38: Irritating to skin R41: Risk of serious damage to eyes
	STEL 5 ppm / 8 mg/m ³ (GB EH40)		TWA 1 ppm / 2 mg/m ³		Safety Phrases	S2: Keep out of the reach of children S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S36/37/39: Wear suitable protective clothing, gloves, and eye/face protection S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
Task/Activity/Work Practice	Application of cleaner to brick and masonry surfaces for cleaning purposes.				Date:	01/07/2024
Supplier's Name and Address	Everbuild – A Sika Company Site 41, Knowsthorpe Way, Cross Green Industrial Estate, Leeds, West Yorkshire LS9 0SW, United Kingdom				Supplier's Telephone and Fax Numbers	Telephone: 0113 240 3456 Email: everbuild.sds@uk.sika. com
Physical Form and Hazardous Assessment						
Dust			Toxic – Asphyxiate			Bacterial
Fumes			Toxic – Poison			Viral
Vapour			Toxic – Narcotic			Fungal
Gas			Toxic – Nervous System			Fauna
Liquids	x		Toxic – Metallic			Flora
Solids			Carcinogenic			
Mists			Mutagenic			
Aerosols			Teratogenic			
Fibres			Corrosive/Irritant	x		

			Dermatitic		x			
Substance Properties								
								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
				x			x	x
Persons Who may be Affected								
Employees	x	Lawful Visitors		Pregnant Women/Nursing Mothers				
Contractors	x	Unlawful Visitors		Lone Workers				
Members of the Public		Young People		Shift Workers				
Where is Material Used								
Outside	x	Inside – good ventilation		Inside – poor ventilation		Confined Space		
Control Measures								
Health Risks				Control Measures				
Skin and eye irritation, potential respiratory system irritation from vapours.				Use in well-ventilated areas, wear appropriate PPE, and follow safe handling instructions.				
First Aid/Hygiene Arrangements				Fire Precautions				
In case of skin or eye contact, rinse with plenty of water. If inhaled, move to fresh air. If ingested, do not induce vomiting and seek medical advice.				Product is not flammable, but follow standard fire-fighting measures for chemical fires.				

Ventilation (LEV/Dilution) Requirements	Disposal Requirements										
Ensure adequate ventilation, especially in enclosed spaces.	Dispose of in accordance with local regulations. Avoid release to the environment.										
Transport Arrangements	Storage Requirements										
Not classified as dangerous for transport.	Store in original container in a cool, well-ventilated place away from incompatible materials.										
Spillage Requirements	Comments										
Absorb spillage with non-combustible material. Prevent runoff to sewers and waterways.											
PPE Required											
											
Gloves	Hi Vis	Hard Hat	Ear Prot.	Boots	Overalls	Dust Mask	Respirator	Eye Prot.	Face Prot.	Harness	Hygiene
X	X	X		X	X			X			
Health Surveillance Required											
Type: Regular skin and respiratory system checks for signs of irritation.	Interval: Annually.										










Residual Risk:	Tolerable	Low	x	Medium	High	Very High	
Assessor:							
Name:	Signature:	Post:	Date:				
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024				
Review of Risk Assessment							
Date for Review:	Carried out by:	Findings:	Signature:				
01/07/2025							

COSHH Assessment Sheet

Product Name	<h1 style="margin: 0;">Cement</h1>				COSHH Assessment No.	006
Route of Entry	Skin Absorption		Eyes		Inhalation	Description <small>Rugby Cement includes various types of cement used in construction, such as Rugby® Premium, Rugby® High Strength, and others. These cements are used in ready-mixed concrete, mortars, renders, grouts, and more for building and construction work.</small>
	Ingestion		Cuts Abrasions		Injection	
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases <small>Not directly provided but relevant based on components: Skin irritation Serious eye damage/irritation Skin sensitisation STOT SE respiratory tract irritation</small>	
	WEL 8 hr Time Weighted Average (TWA): <ul style="list-style-type: none"> • Total inhalable dust 10 mg/m3 • Respirable dust 4 mg/m3 				Safety Phrases <small>P102: Keep out of reach of children P280: Wear protective gloves/protective clothing/eye protection/face protection P305+P351+P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician P302+P352+P333+P313: IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention P261+P304+P340+P312: Avoid breathing dust/fume/gas/mist/vapours/spray. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.</small>	
Task/Activity/Work Practice	Used in building and construction work, both indoor and outdoor, in the formulation of hydraulic binders.				Date:	01/07/2024
Supplier's Name and Address	CEMEX UK Operations Ltd CEMEX House, Evreux Way, Rugby, Warwickshire, CV21 2DT				Supplier's Telephone and Fax Numbers	Product Helpline: 0800 667 827 Email: gb-enquiries@cemex.com
Physical Form and Hazardous Assessment						
Dust	x	Toxic – Asphyxiate				Bacterial
Fumes		Toxic – Poison				Viral
Vapour		Toxic – Narcotic				Fungal
Gas		Toxic – Nervous System				Fauna

Liquids		Toxic – Metallic		Flora	
Solids		Carcinogenic			
Mists		Mutagenic			
Aerosols		Teratogenic			
Fibres		Corrosive/Irritant			
		Dermatitic			

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
				x			x	

Persons Who may be Affected













Employees	x	Lawful Visitors		Pregnant Women/Nursing Mothers	
Contractors	x	Unlawful Visitors		Lone Workers	
Members of the Public		Young People		Shift Workers	

Where is Material Used

Outside	x	Inside – good ventilation	Inside – poor ventilation	Confined Space	
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Control Measures

Health Risks	Control Measures
Causes serious eye damage, skin irritation, allergic skin reaction, and respiratory irritation.	Use PPE, ensure good ventilation, and follow good industrial hygiene practices.
	Fire Precautions










First Aid/Hygiene Arrangements											
<ul style="list-style-type: none"> In case of eye contact: Rinse with water for several minutes. Remove contact lenses if present. For skin contact: Wash with soap and water. Get medical advice if irritation persists. If inhaled: Move to fresh air and rest. Get medical advice if symptoms develop. 		Cement is not flammable.									
Ventilation (LEV/Dilution) Requirements		Disposal Requirements									
Ensure adequate ventilation to control dust levels.		Dispose of according to local regulations. Do not dispose of into waterways.									
Transport Arrangements		Storage Requirements									
Not classified as dangerous for transport.		Store in a dry, well-ventilated area in original containers.									
Spillage Requirements		Comments									
Collect dry spillages using methods that minimize dust generation, such as vacuuming.		Wet cement can cause burns due to its alkalinity.									
PPE Required											
											
Gloves	Hi Vis	Hard Hat	Ear Prot.	Boots	Overalls	Dust Mask	Respirator	Eye Prot.	Face Prot.	Harness	Hygiene
X	X	X		X			X	X			

Health Surveillance Required											
Type: Regular checks, frequency based on level of exposure.						Interval: Regular checks, frequency based on level of exposure.					
Residual Risk:	Tolerable		Low	x	Medium		High		Very High		
Assessor:											
Name:			Signature:			Post:			Date:		
Sean Toomey CertIOSH			<i>Sean Toomey CertIOSH</i>			SHEQ Consultant			01/07/2024		
Review of Risk Assessment											
Date for Review:			Carried out by:			Findings:			Signature:		
01/07/2025											

COSHH Assessment Sheet

Product Name	<h3>Crystalline Silica</h3>				COSHH Assessment No.	007	
Route of Entry	Skin Absorption		Eyes		Inhalation	x	
	Ingestion		Cuts Abrasions		Injection		
Description							Crystalline silica, a basic component of soil, sand, granite, and many other minerals, is most frequently encountered in the form of quartz. It is commonly used in various industries such as construction, glass manufacturing, and foundry work. Overexposure can lead to serious respiratory diseases.
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases		
	0.1 mg/m ³ as a 8-hour time-weighted average (TWA)				Safety Phrases		
R48: Danger of serious damage to health by prolonged exposure. R49: May cause cancer by inhalation.							
S2: Keep out of the reach of children. S22: Do not breathe dust. S24/25: Avoid contact with skin and eyes. S36/37: Wear suitable protective clothing and gloves.							
Task/Activity/Work Practice	Common tasks include cutting, grinding, sandblasting, and handling of materials containing crystalline silica such as concrete, mortar, and stone.				Date:	13/03/2021	
Supplier's Name and Address	n/a				Supplier's Telephone and Fax Numbers	n/a	
Physical Form and Hazardous Assessment							
Dust	x	Toxic – Asphyxiate				Bacterial	
Fumes		Toxic – Poison				Viral	
Vapour		Toxic – Narcotic				Fungal	
Gas		Toxic – Nervous System				Fauna	
Liquids		Toxic – Metallic				Flora	
Solids		Carcinogenic					
Mists		Mutagenic			x		
Aerosols		Teratogenic					
Fibres		Corrosive/Irritant					
		Dermatitic					

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment

Persons Who may be Affected

Employees	x	Lawful Visitors	Pregnant Women/Nursing Mothers
Contractors	x	Unlawful Visitors	Lone Workers
Members of the Public		Young People	Shift Workers












Where is Material Used

Outside	x	Inside – good ventilation	Inside – poor ventilation	Confined Space
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Control Measures

Health Risks	Control Measures
<ul style="list-style-type: none"> Silicosis: A lung disease caused by inhalation of crystalline silica dust, leading to inflammation, and scarring in the form of nodular lesions in the upper lobes of the lungs. Lung cancer: Crystalline silica is classified as a human carcinogen. Chronic Obstructive Pulmonary Disease (COPD): Including bronchitis and emphysema. Kidney disease. 	<ul style="list-style-type: none"> Use of engineering controls such as local exhaust ventilation to reduce airborne dust. Wet methods to minimize dust during cutting, drilling, or grinding. Respiratory protective equipment when engineering controls cannot keep exposure below WEL. Regular maintenance and inspection of equipment.










First Aid/Hygiene Arrangements	Fire Precautions
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<ul style="list-style-type: none"> • Ensure facilities for washing are available. • Persons with significant silica dust exposure should undergo regular medical check-ups. 	Silica itself is not flammable.										
Ventilation (LEV/Dilution) Requirements	Disposal Requirements										
Dust Suppression (Water)											
Transport Arrangements	Storage Requirements										
Spillage Requirements	Comments										
PPE Required											
											
Gloves	Hi Vis	Hard Hat	Ear Prot.	Boots	Overalls	Dust Mask	Respirator	Eye Prot.	Face Prot.	Harness	Hygiene
x	x	x		x			x				
Health Surveillance Required											

Type: Respiratory function tests, chest X-rays, and surveillance for signs of silicosis.		Interval: Regularly, at least annually for workers with high exposure.				
Residual Risk:	Tolerable	Low	Medium	x	High	Very High
Assessor:						
Name:	Signature:	Post:	Date:			
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024			
Review of Risk Assessment						
Date for Review:	Carried out by:	Findings:	Signature:			
01/07/2025						

COSHH Assessment Sheet

Product Name	Diesel				COSHH Assessment No.	008
Route of Entry	Skin Absorption	x	Eyes		Inhalation	x
	Ingestion	x	Cuts Abrasions		Injection	
Description						
Diesel is a common type of fuel derived from petroleum, used in diesel engines found in vehicles, generators, and machinery. It consists of hydrocarbons obtained by distillation of petroleum. Exposure can occur during fuelling operations, maintenance, and handling of diesel-powered equipment.						
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases	
	benzene, which has a WEL of 3.25 mg/m ³ (1 ppm) as an 8-hour TWA, and formaldehyde, with a WEL of 2.5 mg/m ³ (2 ppm) as an 8-hour TWA.				R45: May cause cancer. R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking.	
Safety Phrases						
S2: Keep out of the reach of children. S36/37: Wear suitable protective clothing and gloves. S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.						
Task/Activity/Work Practice	Used as fuel in vehicles, machinery, and generators. Handling includes fuelling, maintenance of diesel-powered equipment, and transportation of diesel fuel.				Date:	01/07/2024
Supplier's Name and Address	n/a				Supplier's Telephone and Fax Numbers	n/a
Physical Form and Hazardous Assessment						
Dust			Toxic – Asphyxiate			Bacterial
Fumes			Toxic – Poison			Viral
Vapour	x		Toxic – Narcotic			Fungal
Gas			Toxic – Nervous System			Fauna
Liquids	x		Toxic – Metallic			Flora
Solids			Carcinogenic		x	
Mists			Mutagenic			
Aerosols			Teratogenic			
Fibres			Corrosive/Irritant			

		Dermatitic						
Substance Properties								
								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
x		x	x					x
Persons Who may be Affected								
Employees			x	Lawful Visitors		Pregnant Women/Nursing Mothers		
Contractors			x	Unlawful Visitors		Lone Workers		
Members of the Public				Young People		Shift Workers		
Where is Material Used								
Outside	x	Inside – good ventilation		Inside – poor ventilation		Confined Space		
Control Measures								
Health Risks				Control Measures				
<ul style="list-style-type: none"> Inhalation of diesel exhaust can lead to respiratory irritation and long-term health issues, including increased risk of lung cancer. Skin contact may result in irritation, dermatitis, and systemic effects if absorbed. Ingestion can cause gastrointestinal irritation and systemic effects. 				<ul style="list-style-type: none"> Use fuelling systems that minimize vapor release. Ensure good ventilation in areas where diesel engines are operated. Use personal protective equipment (PPE) as required. Implement good personal hygiene practices, especially before eating, drinking, or smoking. 				
First Aid/Hygiene Arrangements				Fire Precautions				

Health Surveillance Required

Type: Regular health surveillance for workers exposed to diesel exhaust, focusing on respiratory health.	Interval: Annually
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Residual Risk:	Tolerable	<input type="checkbox"/>	Low	<input checked="" type="checkbox"/>	Medium	<input type="checkbox"/>	High	<input type="checkbox"/>	Very High
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Assessor:

Name:	Signature:	Post:	Date:
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024

Review of Risk Assessment








Date for Review:	Carried out by:	Findings:	Signature:
01/07/2025			

COSHH Assessment Sheet

Product Name	Epoxy Mortar - ULTRACRETE PY4				COSHH Assessment No.	009	
Route of Entry	Skin Absorption		Eyes		Inhalation	Description	ULTRACRETE PY4 is a two-component epoxy mortar system designed for rapid and durable repairs. It comprises a blend of epoxy resin and hardener, suitable for industrial, professional, and consumer use.
	Ingestion		Cuts Abrasions		Injection		
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases		H226: Flammable liquid and vapour. H315: Causes skin irritation. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H361d: Suspected of damaging the unborn child. H372: Causes damage to organs through prolonged or repeated exposure. H412: Harmful to aquatic life with long-lasting effects.
	No specific WELs for the product as a whole. However, components such as styrene and ethylene dibenzoate are subject to exposure limits and should be monitored.						Safety Phrases
Task/Activity/Work Practice	Used in flooring, repair, and maintenance activities where a durable mortar is required. Also used to bed ironwork. Mixing and application of the product involve potential exposure to hazardous components.				Date:	01/07/2024	
Supplier's Name and Address	n/a				Supplier's Telephone and Fax Numbers	n/a	
Physical Form and Hazardous Assessment							
Dust	x	Toxic – Asphyxiate				Bacterial	
Fumes		Toxic – Poison				Viral	
Vapour		Toxic – Narcotic				Fungal	
Gas		Toxic – Nervous System				Fauna	

Liquids	x	Toxic – Metallic		Flora	
Solids	x	Carcinogenic			
Mists		Mutagenic			
Aerosols		Teratogenic			
Fibres		Corrosive/Irritant			
		Dermatitic			

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment

Persons Who may be Affected













Employees	x	Lawful Visitors		Pregnant Women/Nursing Mothers	
Contractors	x	Unlawful Visitors		Lone Workers	
Members of the Public		Young People		Shift Workers	

Where is Material Used

Outside	x	Inside – good ventilation	Inside – poor ventilation	Confined Space	
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Control Measures

Health Risks	Control Measures
<ul style="list-style-type: none"> Inhalation of vapours or dust can irritate the respiratory system. Skin contact may cause irritation or allergic reactions. Eye contact is likely to cause irritation. Ingestion can lead to health complications. 	<ul style="list-style-type: none"> Use in well-ventilated areas to avoid inhalation risks. Wear suitable protective clothing, gloves, and eye/face protection. Avoid release to the environment. Store in a cool, well-ventilated place away from ignition sources.

First Aid/Hygiene Arrangements	Fire Precautions										
<ul style="list-style-type: none"> • In case of skin contact, wash with soap and water. • If inhaled, remove to fresh air and seek medical attention if symptoms persist. • For eye contact, rinse thoroughly with water and seek medical advice. • If ingested, do not induce vomiting; seek medical advice immediately. 	Store away from heat and ignition sources. Use non-sparking tools and ensure proper grounding of equipment.										
Ventilation (LEV/Dilution) Requirements	Disposal Requirements										
Ensure adequate ventilation, especially in confined spaces	Dispose of according to local and national regulations. Avoid release to the environment.										
Transport Arrangements	Storage Requirements										
Follow regulations for the transport of flammable liquids.	Store in a cool, well-ventilated area away from incompatible materials and ignition sources. Containers should be tightly closed when not in use.										
Spillage Requirements	Comments										
PPE Required											
											








Gloves	Hi Vis	Hard Hat	Ear Prot.	Boots	Overalls	Dust Mask	Respirator	Eye Prot.	Face Prot.	Harness	Hygiene
x	x	x		x	x		x	x			
Health Surveillance Required											
Type: Regular health checks, focusing on skin and respiratory conditions.						Interval: Annually.					
Residual Risk:	Tolerable		Low	x	Medium		High		Very High		
Assessor:											
Name:			Signature:			Post:			Date:		
Sean Toomey CertIOSH			<i>Sean Toomey CertIOSH</i>			SHEQ Consultant			01/07/2024		
Review of Risk Assessment											
Date for Review:			Carried out by:			Findings:			Signature:		
01/07/2025											

COSHH Assessment Sheet

Product Name	Expanding Foam - EVERBUILD FIX & FILL Expanding Foam				COSHH Assessment No.	010
Route of Entry	Skin Absorption	x	Eyes	x	Inhalation	x
	Ingestion	x	Cuts Abrasions		Injection	
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases	<p>H222: Extremely flammable aerosol.</p> <p>H315: Causes skin irritation.</p> <p>H319: Causes serious eye irritation.</p> <p>H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.</p> <p>H351: Suspected of causing cancer.</p> <p>H362: May cause harm to breast-fed children.</p> <p>H373: May cause damage to organs through prolonged or repeated exposure if inhaled.</p> <p>H413: May cause long-lasting harmful effects to aquatic life.</p>
	Diphenylmethanediisocyanate, isomers, and homologues: TWA 0.02 mg/m ³ (NCO), GB EH40.				Safety Phrases	<p>P210: Keep away from heat, sparks, open flames, and other ignition sources. No smoking.</p> <p>P271: Use only outdoors or in a well-ventilated area.</p> <p>P280: Wear protective gloves/protective clothing/eye protection/face protection.</p>
Task/Activity/Work Practice	Utilized in sealing and insulating tasks within construction and maintenance work. The application involves spraying the foam, which can lead to exposure via inhalation and contact with skin and eyes.				Date:	01/07/2024
Supplier's Name and Address	Everbuild – A Sika Company, Knowsthorpe Way, Cross Green Industrial Estate, Leeds, West Yorkshire LS9 0SW, United Kingdom.				Supplier's Telephone and Fax Numbers	n/a
Physical Form and Hazardous Assessment						
Dust		Toxic – Asphyxiate				Bacterial
Fumes		Toxic – Poison				Viral

Vapour		Toxic – Narcotic		Fungal	
Gas		Toxic – Nervous System		Fauna	
Liquids	x	Toxic – Metallic		Flora	
Solids	x	Carcinogenic	x		
Mists		Mutagenic	x		
Aerosols	x	Teratogenic			
Fibres		Corrosive/Irritant	x		
		Dermatitic	x		

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
x			x					x

Persons Who may be Affected













Employees	x	Lawful Visitors		Pregnant Women/Nursing Mothers	
Contractors	x	Unlawful Visitors		Lone Workers	
Members of the Public		Young People		Shift Workers	

Where is Material Used

Outside	x	Inside – good ventilation	x	Inside – poor ventilation		Confined Space	
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Control Measures










Health Risks	Control Measures
<ul style="list-style-type: none"> Respiratory and skin sensitization. Skin and eye irritation. Potential carcinogenic effects. 	<ul style="list-style-type: none"> Ensure adequate ventilation in the workspace. Use protective equipment such as gloves, goggles, and masks. Follow manufacturer's instructions for safe handling and application.













First Aid/Hygiene Arrangements	Fire Precautions										
<ul style="list-style-type: none"> • In case of skin contact, wash with soap and water. Seek medical attention if irritation persists. • If inhaled, move to fresh air immediately. Seek medical attention if symptoms develop. • Eye contact requires immediate flushing with water and medical consultation if irritation persists. 	<ul style="list-style-type: none"> • Store away from heat sources and secure from accidental puncture. • Use non-sparking tools and control ignition sources in the area of use. 										
Ventilation (LEV/Dilution) Requirements	Disposal Requirements										
Use in well-ventilated areas or provide mechanical ventilation to control airborne levels below occupational exposure limits.	Dispose of according to local regulations. Do not puncture or incinerate containers, even when empty.										
Transport Arrangements	Storage Requirements										
n/a	Store in a cool, well-ventilated area away from direct sunlight and sources of ignition.										
Spillage Requirements	Comments										
n/a											
PPE Required											
											

Gloves	Hi Vis	Hard Hat	Ear Prot.	Boots	Overalls	Dust Mask	Respirator	Eye Prot.	Face Prot.	Harness	Hygiene
x							x	x			
Health Surveillance Required											
Type: Regular health checks for respiratory function and skin condition, especially for individuals with a history of asthma, allergies, or skin sensitization.						Interval: Annually.					
Residual Risk:	Tolerable		Low	x	Medium		High		Very High		
Assessor:											
Name:			Signature:			Post:			Date:		
Sean Toomey CertIOSH			<i>Sean Toomey CertIOSH</i>			SHEQ Consultant			01/07/2024		
Review of Risk Assessment											
Date for Review:			Carried out by:			Findings:			Signature:		
01/07/2025											

COSHH Assessment Sheet

Product Name	Hydrogen Sulphide (H2S) Exposure in Live Sewer Systems					COSHH Assessment No.	011
Route of Entry	Skin Absorption	x	Eyes	x	Inhalation	x	Description Hydrogen Sulphide (H2S) is a toxic gas commonly encountered in live sewer systems. It is characterized by a rotten egg smell at low concentrations but can quickly deaden the sense of smell, posing serious health risks without warning.
	Ingestion		Cuts Abrasions		Injection		
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases		H2S is highly toxic and can cause serious health effects including respiratory arrest, shock, and even death at high concentrations. Exposure can lead to eye irritation, respiratory problems, and, in severe cases, neurological effects.
	Hydrogen Sulphide: TWA 5 ppm (7 mg/m ³), STEL 10 ppm (14 mg/m ³), GB EH40.				Safety Phrases		P260: Do not breathe gas/fumes/vapor/spray. P271: Use only outdoors or in a well-ventilated area. P280: Wear protective gloves/protective clothing/eye protection/face protection.
Task/Activity/Work Practice	Work involving entry into live sewer systems for maintenance, inspection, or repair, where there is a potential for exposure to hydrogen sulphide gas.					Date:	01/07/2024
Supplier's Name and Address	n/a					Supplier's Telephone and Fax Numbers	n/a
Physical Form and Hazardous Assessment							
Dust		Toxic – Asphyxiate	x	Bacterial			
Fumes		Toxic – Poison	x	Viral			
Vapour		Toxic – Narcotic		Fungal			
Gas	x	Toxic – Nervous System	x	Fauna			
Liquids		Toxic – Metallic		Flora			
Solids		Carcinogenic					
Mists		Mutagenic					
Aerosols		Teratogenic					










Fibres		Corrosive/Irritant						
		Dermatitic						
Substance Properties								
								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
x		x		x	x			
Persons Who may be Affected								
Employees	x	Lawful Visitors		Pregnant Women/Nursing Mothers				
Contractors	x	Unlawful Visitors		Lone Workers				
Members of the Public	x	Young People		Shift Workers				
Where is Material Used								
Outside		Inside – good ventilation		Inside – poor ventilation		Confined Space	x	
Control Measures								
Health Risks				Control Measures				
<ul style="list-style-type: none"> Short-term exposure can irritate the eyes, nose, throat, and respiratory system. Long-term or high-level exposure may result in more severe health effects including loss of consciousness, pulmonary edema, and neurological effects. 				<ul style="list-style-type: none"> Continuous monitoring of H2S levels in the work area. Use of ventilation to reduce gas concentrations. Provision and use of appropriate personal protective equipment (PPE), including gas detectors and self-contained breathing apparatus (SCBA) for high concentration areas. Implementation of emergency response procedures for H2S exposure. 				
				Fire Precautions				

First Aid/Hygiene Arrangements											
<ul style="list-style-type: none"> • Immediate removal from exposure area to fresh air. • Administration of artificial respiration and oxygen if breathing is difficult. • Immediate medical attention for any exposure symptoms. 	H2S is flammable; avoid all ignition sources in areas where gas is present.										
Ventilation (LEV/Dilution) Requirements		Disposal Requirements									
Mechanical ventilation in confined spaces where H2S may accumulate.		Not applicable for gases but ensure proper ventilation to disperse gas away from work areas.									
Transport Arrangements		Storage Requirements									
		Not applicable for gases encountered in situ; however, store H2S detectors and SCBA equipment following manufacturer's guidelines									
Spillage Requirements		Comments									
		Gas detection equipment.									
PPE Required											
											
Gloves	Hi Vis	Hard Hat	Ear Prot.	Boots	Overalls	Dust Mask	Respirator	Eye Prot.	Face Prot.	Harness	Hygiene
X	X	X		X	X		X	X		X	X
Health Surveillance Required											

Type: Regular medical examinations for workers regularly exposed to H2S, focusing on respiratory function and neurological health.		Interval: Annually.	
Residual Risk:	Tolerable	Low	Medium x High Very High
Assessor:			
Name:	Signature:	Post:	Date:
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024
Review of Risk Assessment			
Date for Review:	Carried out by:	Findings:	Signature:
01/07/2025			

COSHH Assessment Sheet

Product Name	Instarmac SCJ Cold Joint Sealer					COSHH Assessment No.	012
Route of Entry	Skin Absorption	x	Eyes	x	Inhalation	x	Description A cold joint sealer and tack coat aerosol used for sealing and bonding layers of asphalt. Extremely flammable aerosol containing solvents and other hazardous substances.
	Ingestion	x	Cuts Abrasions		Injection		
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases		H222: Extremely flammable aerosol. H229: Pressurised container: May burst if heated. H373: May cause damage to organs through prolonged or repeated exposure. H412: Harmful to aquatic life with long-lasting effects.
	Causes damage to organs (central nervous system) through prolonged or repeated exposure.				Safety Phrases		P210: Keep away from heat, sparks, open flames, and other ignition sources. No smoking. P260: Do not breathe dust/fume/gas/mist/vapours/spray. P273: Avoid release to the environment.
Task/Activity/Work Practice	Used in road repair and construction settings for applying a sealing layer on asphalt surfaces.				Date:	01/07/2024	
Supplier's Name and Address	Instarmac PLC, Unit W3A Danny Morson Way, Birch Coppice Business Park, Dordon Tamworth – Warwickshire, England				Supplier's Telephone and Fax Numbers		
Physical Form and Hazardous Assessment							
Dust		Toxic – Asphyxiate	x	Bacterial			
Fumes		Toxic – Poison		Viral			
Vapour		Toxic – Narcotic		Fungal			
Gas		Toxic – Nervous System	x	Fauna			
Liquids	x	Toxic – Metallic		Flora			
Solids		Carcinogenic					
Mists		Mutagenic	x				
Aerosols	x	Teratogenic					

Fibres		Corrosive/Irritant						
		Dermatitic						
Substance Properties								
								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
x			x	x	x	x		x
Persons Who may be Affected								
Employees	x	Lawful Visitors		Pregnant Women/Nursing Mothers				
Contractors	x	Unlawful Visitors		Lone Workers				
Members of the Public		Young People		Shift Workers				
Where is Material Used								
Outside	x	Inside – good ventilation		Inside – poor ventilation		Confined Space		
Control Measures								
Health Risks				Control Measures				
<ul style="list-style-type: none"> • Organ damage from prolonged exposure. • Respiratory irritation. • Skin and eye irritation. 				<ul style="list-style-type: none"> • Use in well-ventilated areas or with appropriate engineering controls. • Avoid inhalation and direct contact with skin and eyes. • Store according to guidelines to prevent aerosol bursting. 				
First Aid/Hygiene Arrangements				Fire Precautions				

<ul style="list-style-type: none"> • Inhalation: Move to fresh air; seek medical attention if symptoms persist. • Skin contact: Wash with soap and water; remove contaminated clothing. • Eye contact: Rinse thoroughly with water; seek medical attention. • Ingestion: Rinse mouth; do not induce vomiting; seek medical attention. 	<p>Store away from ignition sources; do not expose to temperatures above 50°C.</p>
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<p>Ventilation (LEV/Dilution) Requirements</p>	<p>Disposal Requirements</p>
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<p>Ensure adequate ventilation</p>	<p>Avoid releasing to the environment.</p>
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<p>Transport Arrangements</p>	<p>Storage Requirements</p>
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	<p>Store in a cool, well-ventilated place away from ignition sources and direct sunlight.</p>
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<p>Spillage Requirements</p>	<p>Comments</p>
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PPE Required










											
Gloves	Hi Vis	Hard Hat	Ear Prot.	Boots	Overalls	Dust Mask	Respirator	Eye Prot.	Face Prot.	Harness	Hygiene
x							x	x			













Health Surveillance Required

Type: Regular health checks for symptoms related to organ toxicity, skin, and respiratory conditions.		Interval: Annually.	
Residual Risk:	Tolerable	Low	x Medium
Assessor:			
Name:	Signature:	Post:	Date:
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024
Review of Risk Assessment			
Date for Review:	Carried out by:	Findings:	Signature:
01/07/2025			

COSHH Assessment Sheet

Product Name	Insulation Board				COSHH Assessment No.	013
Route of Entry	Skin Absorption		Eyes		Inhalation	x
	Ingestion		Cuts Abrasions		Injection	
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases	<p>Sharp edges may cause cuts and abrasions.</p> <p>Dust may irritate the respiratory system and eyes.</p> <p>Frequent inhalation of dust over a long period increases the risk of lung diseases.</p>
	General dust: WEL 10 mg/m ³ (inhalable dust), 4 mg/m ³ (respirable dust)				Safety Phrases	<p>Wear protective gloves, dust mask, and safety glasses during handling, cutting, or drilling.</p> <p>Ensure good ventilation or use dust extraction systems to reduce dust inhalation.</p> <p>Store away from ignition sources due to the flammability of the foam.</p>
Task/Activity/Work Practice	Used as thermal insulation in buildings.				Date:	01/07/2024
Supplier's Name and Address	Celotex, Lady Lane Industrial Estate, Hadleigh, Ipswich, Suffolk, IP7 6BA, UK				Supplier's Telephone and Fax Numbers	
Physical Form and Hazardous Assessment						
Dust	x	Toxic – Asphyxiate				Bacterial
Fumes		Toxic – Poison				Viral
Vapour		Toxic – Narcotic				Fungal
Gas		Toxic – Nervous System				Fauna
Liquids		Toxic – Metallic				Flora
Solids		Carcinogenic				
Mists		Mutagenic				
Aerosols		Teratogenic				

Fibres		Corrosive/Irritant						
		Dermatitic						
Substance Properties								
								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
x			x					
Persons Who may be Affected								
Employees	x	Lawful Visitors		Pregnant Women/Nursing Mothers				
Contractors	x	Unlawful Visitors		Lone Workers				
Members of the Public		Young People		Shift Workers				
Where is Material Used								
Outside	x	Inside – good ventilation		Inside – poor ventilation		Confined Space		
Control Measures								
Health Risks				Control Measures				
<ul style="list-style-type: none"> Respiratory irritation from dust inhalation. Skin and eye irritation from dust. Physical injuries from sharp edges. 				<ul style="list-style-type: none"> Use dust extraction and proper ventilation. Wear PPE including gloves, dust masks, and eye protection. Handle with care to avoid cuts from sharp edges. 				
First Aid/Hygiene Arrangements				Fire Precautions				

<ul style="list-style-type: none"> • Inhalation: Move to fresh air; seek medical attention if symptoms persist. • Skin contact: Wash with soap and water; use gloves to prevent cuts. • Eye contact: Rinse eyes with water if irritated by dust; seek medical attention if irritation persists. 	<ul style="list-style-type: none"> • Avoid open flames near the boards due to combustibility. • Inform firefighters about the presence of PIR insulation in case of fire. 										
<p>Ventilation (LEV/Dilution) Requirements</p>	<p>Disposal Requirements</p>										
<p>Ensure adequate ventilation</p>	<p>Dispose of waste boards and offcuts via licensed waste disposal contractors.</p>										
<p>Transport Arrangements</p>	<p>Storage Requirements</p>										
<p>n/a</p>	<p>Store in a cool, dry place away from ignition sources and protected from physical damage.</p>										
<p>Spillage Requirements</p>	<p>Comments</p>										
<p>n/a</p>											
<p>PPE Required</p>											
											
<p>Gloves</p>	<p>Hi Vis</p>	<p>Hard Hat</p>	<p>Ear Prot.</p>	<p>Boots</p>	<p>Overalls</p>	<p>Dust Mask</p>	<p>Respirator</p>	<p>Eye Prot.</p>	<p>Face Prot.</p>	<p>Harness</p>	<p>Hygiene</p>
<p>x</p>							<p>x</p>	<p>x</p>			
<p>Health Surveillance Required</p>											










Type: Regular health surveillance for respiratory conditions and skin health.		Interval: Annually.	
Residual Risk:	Tolerable	Low	x Medium
Assessor:			
Name:	Signature:	Post:	Date:
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024
Review of Risk Assessment			
Date for Review:	Carried out by:	Findings:	Signature:
01/07/2025			

COSHH Assessment Sheet

Product Name	Leptospirosis					COSHH Assessment No.	014
Route of Entry	Skin Absorption	x	Eyes	x	Inhalation	x	Description Leptospirosis is a bacterial disease that affects humans and animals, caused by bacteria of the genus Leptospira. It is often transmitted through contact with water or soil contaminated with the urine of infected animals.
	Ingestion	x	Cuts Abrasions	x	Injection		
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases		Risk of infection when working in conditions favourable to Leptospira spp. presence, such as contact with contaminated water, soil, or animal urine. Increased risk for workers with cuts or abrasions on the skin. Potential severe health outcomes, including kidney damage, liver failure, and meningitis.
	n/a		n/a		Safety Phrases		Avoid contact with potentially contaminated water or soil. Use protective clothing, including waterproof gloves and boots, when risk of exposure exists. Cover cuts or abrasions with waterproof dressings. Practice good personal hygiene, including washing hands and showering after potential exposure. Ensure safe work practices to minimize contact with contaminated sources.
Task/Activity/Work Practice						Date:	
Supplier's Name and Address						Supplier's Telephone and Fax Numbers	
Physical Form and Hazardous Assessment							
Dust		Toxic – Asphyxiate				Bacterial	x
Fumes		Toxic – Poison				Viral	
Vapour		Toxic – Narcotic				Fungal	
Gas		Toxic – Nervous System				Fauna	

Liquids		Toxic – Metallic		Flora	
Solids		Carcinogenic			
Mists		Mutagenic			
Aerosols		Teratogenic			
Fibres		Corrosive/Irritant			
		Dermatitic			

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
				x				

Persons Who may be Affected

Employees	x	Lawful Visitors		Pregnant Women/Nursing Mothers	
Contractors	x	Unlawful Visitors		Lone Workers	
Members of the Public		Young People		Shift Workers	

Where is Material Used

Outside	x	Inside – good ventilation	Inside – poor ventilation	Confined Space	x
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Control Measures

Health Risks	Control Measures
<ul style="list-style-type: none"> Mild flu-like symptoms to severe Weil's disease Potential for kidney failure, liver damage, and meningitis 	<ul style="list-style-type: none"> Educate workers about risks and symptoms of Leptospirosis. Provide and enforce the use of PPE. Implement safe work practices to avoid water or soil contamination. Ensure workers cover and protect any skin abrasions. Provide facilities for hand washing and showering.

Health Surveillance Required

Type: Pre-employment and periodic health checks for workers in high-risk jobs, focusing on history of exposure and any symptoms of Leptospirosis.

Interval: With adherence to control measures, use of PPE, and health surveillance, the residual risk should be minimized. Awareness and training are crucial for early detection and treatment of infections.

Residual Risk: **Tolerable** **Low** **Medium** **High** **Very High**

Assessor:

Name:	Signature:	Post:	Date:
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024

Review of Risk Assessment










Date for Review:	Carried out by:	Findings:	Signature:
01/07/2025			

COSHH Assessment Sheet

Product Name	Low Odour Line Marking Paint					COSHH Assessment No.	015
Route of Entry	Skin Absorption	X	Eyes	X	Inhalation	X	Description An aerosol paint designed for line marking on construction and other industrial sites. It contains various chemicals including propane, butane, acetone, butyl acetate, and others, making it extremely flammable and potentially hazardous if inhaled or if it comes into contact with skin or eyes.
	Ingestion		Cuts Abrasions		Injection		
Workplace Exposure Limits	STEL:		LTEL:			Risk Phrases	H222: Extremely flammable aerosol. H227: Combustible liquid. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness. H412: Harmful to aquatic life with long-lasting effects.
	Propane: 600 ppm (1450 mg/m ³) Butane: 600 ppm (1450 mg/m ³) Acetone: 500 ppm (1210 mg/m ³) Butyl Acetate: 150 ppm (724 mg/m ³)					Safety Phrases	P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Task/Activity/Work Practice	Used in marking lines for construction layout, safety zones, and operational areas. Operators should be trained in its safe use, aware of its flammability, and take precautions against inhalation and skin or eye contact.					Date:	01/07/2024
Supplier's Name and Address	COO-VAR, Lockwood Street, Hull, HU2 0HN					Supplier's Telephone and Fax Numbers	+44 (0) 1482 328053(T) info@coo-var.co.uk
Physical Form and Hazardous Assessment							
Dust		Toxic – Asphyxiate					Bacterial
Fumes		Toxic – Poison					Viral

Vapour		Toxic – Narcotic		Fungal	
Gas		Toxic – Nervous System		Fauna	
Liquids	X	Toxic – Metallic		Flora	
Solids		Carcinogenic			
Mists		Mutagenic			
Aerosols	X	Teratogenic			
Fibres		Corrosive/Irritant			
		Dermatitic			

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
X			X			X		

Persons Who may be Affected













Employees	X	Lawful Visitors		Pregnant Women/Nursing Mothers	
Contractors	X	Unlawful Visitors		Lone Workers	
Members of the Public		Young People		Shift Workers	

Where is Material Used

Outside	X	Inside – good ventilation	Inside – poor ventilation	Confined Space
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Control Measures

Health Risks	Control Measures
<ul style="list-style-type: none"> Respiratory irritation and potential narcotic effects from inhalation. Eye irritation from spray or mist. Skin irritation from prolonged contact. 	<ul style="list-style-type: none"> Ensure use in well-ventilated areas or use appropriate respiratory protection. Wear eye protection and gloves during application. Follow all safety precautions regarding flammability and storage.

First Aid/Hygiene Arrangements	Fire Precautions										
<ul style="list-style-type: none"> • In case of inhalation, move to fresh air and seek medical attention if symptoms persist. • Wash skin thoroughly after handling; use skin protection if risk of prolonged contact. • In case of eye contact, rinse immediately with plenty of water and seek medical advice. 	<ul style="list-style-type: none"> • Store away from ignition sources. • Use appropriate fire extinguishers (foam, CO2, powder) in case of fire. 										
Ventilation (LEV/Dilution) Requirements	Disposal Requirements										
Use in well-ventilated areas to minimize inhalation risks.	Dispose of in accordance with local regulations and not by incineration or piercing the can, due to explosion risk.										
Transport Arrangements	Storage Requirements										
	Store in a cool, well-ventilated place away from direct sunlight and ignition sources.										
Spillage Requirements	Comments										
	Respirator to be worn if using spray indoors.										
PPE Required											
											
Gloves	Hi Vis	Hard Hat	Ear Prot.	Boots	Overalls	Dust Mask	Respirator	Eye Prot.	Face Prot.	Harness	Hygiene
X								X			

Health Surveillance Required

Type: Regular health checks for symptoms related to respiratory and skin conditions, particularly for workers with prolonged exposure.	Interval: Annually.
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Residual Risk:	Tolerable	x	Low	Medium	High	Very High
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Assessor:

Name:	Signature:	Post:	Date:
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024







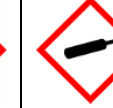


Review of Risk Assessment

Date for Review:	Carried out by:	Findings:	Signature:
01/07/2025			

COSHH Assessment Sheet

Product Name	Machine Grease				COSHH Assessment No.	016
Route of Entry	Skin Absorption		Eyes		Inhalation	Description K982 Magnaplex is a lubricating grease intended for various mechanical and industrial applications. It is not classified as hazardous under physical, health, or environmental hazards but contains substances that can cause skin and eye irritation and are harmful to aquatic life.
	Ingestion		Cuts Abrasions		Injection	
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases	H315: Causes skin irritation. H318: Causes serious eye damage. H411: Toxic to aquatic life with long-lasting effects.
	Not specified.		Not specified.		Safety Phrases	General safety measures include avoiding spillage, skin, and eye contact, and ensuring good personal hygiene practices to prevent skin irritation or damage.
Task/Activity/Work Practice	Utilized as a lubricant in mechanical and industrial settings. Proper handling and storage practices are crucial to prevent exposure and environmental release.				Date:	01/07/2024
Supplier's Name and Address	Morris Lubricants Castle Foregate, Shrewsbury, SY1 2EL				Supplier's Telephone and Fax Numbers	T: (+44)(0)1743 232200 sds@morris-lubricants.co.uk
Physical Form and Hazardous Assessment						
Dust		Toxic – Asphyxiate		Bacterial		
Fumes		Toxic – Poison		Viral		
Vapour		Toxic – Narcotic		Fungal		
Gas		Toxic – Nervous System		Fauna		
Liquids	x	Toxic – Metallic		Flora		
Solids		Carcinogenic				
Mists		Mutagenic				
Aerosols		Teratogenic				
Fibres		Corrosive/Irritant				
		Dermatitic				

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
			x					x

Persons Who may be Affected













Employees	x	Lawful Visitors		Pregnant Women/Nursing Mothers	
Contractors	x	Unlawful Visitors		Lone Workers	
Members of the Public		Young People		Shift Workers	

Where is Material Used

Outside	x	Inside – good ventilation	Inside – poor ventilation	Confined Space
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Control Measures

Health Risks	Control Measures
<ul style="list-style-type: none"> • Skin and eye irritation upon contact. • Potential chronic health risks from prolonged or repeated exposure. 	<ul style="list-style-type: none"> • Use of PPE, including gloves and eye protection, to prevent skin and eye contact. • Avoiding ingestion and ensuring containers are tightly closed and stored in a cool, well-ventilated area away from incompatible materials.
First Aid/Hygiene Arrangements	Fire Precautions
<ul style="list-style-type: none"> • In case of skin contact, wash immediately with soap and water. 	

<ul style="list-style-type: none"> For eye contact, rinse thoroughly with plenty of water and seek medical advice. Do not induce vomiting if ingested; seek medical attention. 											
<p>Ventilation (LEV/Dilution) Requirements</p>	<p>Disposal Requirements</p>										
	<p>Avoid release to the environment.</p>										
<p>Transport Arrangements</p>	<p>Storage Requirements</p>										
	<p>Store in tightly closed original containers in a dry, cool, and well-ventilated place. Avoid heat, flames, and other ignition sources.</p>										
<p>Spillage Requirements</p>	<p>Comments</p>										
<p>Contain spillages and clean up immediately using appropriate methods to prevent environmental contamination.</p>											
<p>PPE Required</p>											
											
<p>Gloves</p>	<p>Hi Vis</p>	<p>Hard Hat</p>	<p>Ear Prot.</p>	<p>Boots</p>	<p>Overalls</p>	<p>Dust Mask</p>	<p>Respirator</p>	<p>Eye Prot.</p>	<p>Face Prot.</p>	<p>Harness</p>	<p>Hygiene</p>
<p>x</p>								<p>x</p>			<p>x</p>
<p>Health Surveillance Required</p>											

Type: Regular dermatological checks for signs of skin irritation or dermatitis among users.	Interval: Annually.
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Residual Risk:	Tolerable	x	Low	Medium	High	Very High
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Assessor:

Name:	Signature:	Post:	Date:
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024










Review of Risk Assessment

Date for Review:	Carried out by:	Findings:	Signature:
01/07/2025			

COSHH Assessment Sheet

Product Name	Mortar Plasticiser				COSHH Assessment No.	017
Route of Entry	Skin Absorption		Eyes		Description	SikaMix+® is a mortar plasticiser used to improve the workability and strength of mortar mixes. It is not classified as hazardous under Regulation (EC) No. 1272/2008 but contains sodium sulphate lauryl ether which can cause skin and eye irritation.
	Ingestion		Cuts Abrasions			
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases	H315: Causes skin irritation. H319: Causes serious eye irritation.
	Not specified.		Not specified.		Safety Phrases	
Task/Activity/Work Practice	Used in construction and building industries to enhance mortar properties. Requires careful handling to avoid skin and eye contact and inhalation of dusts or vapours during mixing and application processes.				Date:	01/07/2024
Supplier's Name and Address	Sika Limited Watchmead, Welwyn Garden City, Hertfordshire, AL7 1BQ, United Kingdom				Supplier's Telephone and Fax Numbers	Telephone: +44 (0)1707 394444
Physical Form and Hazardous Assessment						
Dust			Toxic – Asphyxiate		Bacterial	
Fumes			Toxic – Poison		Viral	
Vapour			Toxic – Narcotic		Fungal	
Gas			Toxic – Nervous System		Fauna	
Liquids	x		Toxic – Metallic		Flora	
Solids			Carcinogenic			
Mists			Mutagenic			
Aerosols			Teratogenic			
Fibres			Corrosive/Irritant			
			Dermatitic	x		

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
			x					x

Persons Who may be Affected













Employees	x	Lawful Visitors		Pregnant Women/Nursing Mothers	
Contractors	x	Unlawful Visitors		Lone Workers	
Members of the Public		Young People		Shift Workers	

Where is Material Used

Outside	x	Inside – good ventilation	Inside – poor ventilation	Confined Space
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Control Measures

Health Risks	Control Measures
<ul style="list-style-type: none"> Potential for skin and eye irritation upon contact. No significant health risks from inhalation or ingestion under normal use conditions. 	<ul style="list-style-type: none"> Use of protective gloves and eye protection (safety glasses) to prevent skin and eye contact.
First Aid/Hygiene Arrangements	Fire Precautions
<ul style="list-style-type: none"> In case of skin contact, wash immediately with soap and water. 	No special fire precautions required due to the non-hazardous nature of the product.

<ul style="list-style-type: none"> For eye contact, rinse thoroughly with plenty of water for at least 15 minutes and seek medical attention if irritation persists. If ingested, do not induce vomiting and rinse mouth with water. 											
<p>Ventilation (LEV/Dilution) Requirements</p>	<p>Disposal Requirements</p>										
	<p>Avoid release to the environment.</p>										
<p>Transport Arrangements</p>	<p>Storage Requirements</p>										
	<p>Store in tightly closed containers in a dry, cool, and well-ventilated area away from incompatible materials.</p>										
<p>Spillage Requirements</p>	<p>Comments</p>										
<p>Contain and absorb spillages with non-combustible, absorbent material. Avoid release to the environment.</p>											
<p>PPE Required</p>											
											
<p>Gloves</p>	<p>Hi Vis</p>	<p>Hard Hat</p>	<p>Ear Prot.</p>	<p>Boots</p>	<p>Overalls</p>	<p>Dust Mask</p>	<p>Respirator</p>	<p>Eye Prot.</p>	<p>Face Prot.</p>	<p>Harness</p>	<p>Hygiene</p>
<p>x</p>								<p>x</p>			<p>x</p>
<p>Health Surveillance Required</p>											

Type: Regular observation for signs of skin or eye irritation among users. Immediate action should be taken if any symptoms are reported.

Interval: Annually.

Residual Risk:	Tolerable	x	Low	Medium	High	Very High
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Assessor:

Name:	Signature:	Post:	Date:
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024










Review of Risk Assessment

Date for Review:	Carried out by:	Findings:	Signature:
01/07/2025			

COSHH Assessment Sheet

Product Name	Mould				COSHH Assessment No.	018
Route of Entry	Skin Absorption		Eyes		Description	Mould consists of fungi that grow in moist environments. Mould spores are present in the air and can cause health problems when inhaled, particularly in damp and poorly ventilated areas.
	Ingestion		Cuts Abrasions			
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases	Exposure to mould spores can exacerbate asthma and allergies. Can cause respiratory and skin irritation.
	Not specifically defined for mould spores, but exposure should be minimized to the lowest possible levels.		Not specifically defined for mould spores, but exposure should be minimized to the lowest possible levels.		Safety Phrases	Minimize exposure to mould spores through proper ventilation and moisture control. Use personal protective equipment (PPE) during cleanup and removal.
Task/Activity/Work Practice	Activities include identifying, cleaning, and removing mould from indoor environments. Ensuring proper ventilation and humidity control within the workplace to prevent mould growth.				Date:	01/07/2024
Supplier's Name and Address	n/a				Supplier's Telephone and Fax Numbers	n/a
Physical Form and Hazardous Assessment						
Dust	x	Toxic – Asphyxiate			Bacterial	
Fumes		Toxic – Poison			Viral	
Vapour		Toxic – Narcotic			Fungal	x
Gas		Toxic – Nervous System			Fauna	
Liquids		Toxic – Metallic			Flora	
Solids		Carcinogenic				
Mists		Mutagenic				
Aerosols		Teratogenic				
Fibres		Corrosive/Irritant				
		Dermatitic				

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
				x	x			

Persons Who may be Affected











Employees	x	Lawful Visitors		Pregnant Women/Nursing Mothers	
Contractors	x	Unlawful Visitors		Lone Workers	
Members of the Public	x	Young People		Shift Workers	

Where is Material Used

Outside	x	Inside – good ventilation	x	Inside – poor ventilation	x	Confined Space	x
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Control Measures

Health Risks	Control Measures
<ul style="list-style-type: none"> Inhalation of spores can lead to respiratory symptoms, allergic reactions, and asthma attacks. Direct contact with mould may cause skin irritation. 	<ul style="list-style-type: none"> Repair water leaks and control humidity levels to prevent mould growth. Increase ventilation where possible. Remove visible mould with appropriate cleaning solutions. For large infestations, consult a professional mould removal service.
First Aid/Hygiene Arrangements	Fire Precautions
<ul style="list-style-type: none"> If experiencing respiratory or skin symptoms, move to fresh air and rinse affected skin with water. Seek medical attention if symptoms persist or if allergic reactions occur. 	Not applicable to mould itself, but be aware of electrical risks when dealing with water damage.










Ventilation (LEV/Dilution) Requirements	Disposal Requirements										
Ensure adequate ventilation in all work areas to prevent moisture accumulation.	Dispose of mould-contaminated materials in sealed bags to prevent spore dispersion.										
Transport Arrangements	Storage Requirements										
n/a	n/a										
Spillage Requirements	Comments										
n/a											
PPE Required											
											
Gloves	Hi Vis	Hard Hat	Ear Prot.	Boots	Overalls	Dust Mask	Respirator	Eye Prot.	Face Prot.	Harness	Hygiene
x					x		x	x	x		x
Health Surveillance Required											
Type: Regular health checks for individuals involved in mould removal, focusing on respiratory function and skin condition.	Interval: Annually										

Residual Risk:	Tolerable	Low	Medium x High Very High
Assessor:			
Name:	Signature:	Post:	Date:
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024
Review of Risk Assessment			
Date for Review:	Carried out by:	Findings:	Signature:
01/07/2025			

COSHH Assessment Sheet

Product Name	Oil				COSHH Assessment No.	019
Route of Entry	Skin Absorption	x	Eyes	x	Inhalation	x
	Ingestion	x	Cuts Abrasions		Injection	
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases	-
	n/a		n/a		Safety Phrases	-
Task/Activity/Work Practice	Lubrication of two-stroke engines.				Date:	01/07/2024
Supplier's Name and Address	Morris Lubricants, Castle Foregate, Shrewsbury, Shropshire, SY1 2EL				Supplier's Telephone and Fax Numbers	Tel: +44 (0) 1743 232200, Fax: +44 (0) 1743 353584
Physical Form and Hazardous Assessment						
Dust			Toxic – Asphyxiate			Bacterial
Fumes			Toxic – Poison			Viral
Vapour			Toxic – Narcotic			Fungal
Gas			Toxic – Nervous System			Fauna
Liquids	x		Toxic – Metallic			Flora
Solids			Carcinogenic			
Mists			Mutagenic			
Aerosols			Teratogenic			
Fibres			Corrosive/Irritant			
			Dermatitic			

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
x			x					x

Persons Who may be Affected













Employees	x	Lawful Visitors	Pregnant Women/Nursing Mothers
Contractors	x	Unlawful Visitors	Lone Workers
Members of the Public		Young People	Shift Workers

Where is Material Used

Outside	x	Inside – good ventilation	Inside – poor ventilation	Confined Space
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Control Measures

Health Risks	Control Measures
Potential for respiratory irritation, skin and eye irritation, and chemical pneumonia if aspirated.	Use in well-ventilated areas, avoid skin and eye contact, do not ingest.
First Aid/Hygiene Arrangements	Fire Precautions
Remove to fresh air if inhaled, rinse skin and eyes with water if contacted, seek medical advice if ingested or irritation persists.	Use foam, CO2, dry powder, or water fog to extinguish.

Ventilation (LEV/Dilution) Requirements						Disposal Requirements					
						Dispose of in accordance with local regulations through a licensed waste disposal contractor.					
Transport Arrangements						Storage Requirements					
						Store in a cool, dry, well-ventilated place in tightly closed containers.					
Spillage Requirements						Comments					
Contain and absorb spillage with non-combustible, absorbent material.											
PPE Required											
											
Gloves	Hi Vis	Hard Hat	Ear Prot.	Boots	Overalls	Dust Mask	Respirator	Eye Prot.	Face Prot.	Harness	Hygiene
x								x			x
Health Surveillance Required											
Type: As determined by occupational health guidelines or if symptoms are reported.						Interval: Annually.					
Residual Risk:	Tolerable	x	Low		Medium		High		Very High		

Assessor:

Name:	Signature:	Post:	Date:
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024








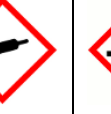

Review of Risk Assessment

Date for Review:	Carried out by:	Findings:	Signature:
01/07/2025			

COSHH Assessment Sheet

Product Name	Petrol				COSHH Assessment No.	020
Route of Entry	Skin Absorption	x	Eyes	x	Inhalation	x
	Ingestion	x	Cuts Abrasions		Injection	
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases	R11 Highly flammable. R65 Harmful: may cause lung damage if swallowed. R45 May cause cancer.
	Benzene (a component of petrol) - 3.25 mg/m ³ 8-hour TWA				Safety Phrases	S2 Keep out of the reach of children. S16 Keep away from sources of ignition - No smoking. S29 Do not empty into drains. S53 Avoid exposure - obtain special instructions before use.
Task/Activity/Work Practice	Refuelling of work equipment, storage and handling of fuel.				Date:	01/07/2024
Supplier's Name and Address	n/a				Supplier's Telephone and Fax Numbers	n/a
Physical Form and Hazardous Assessment						
Dust			Toxic – Asphyxiate			Bacterial
Fumes			Toxic – Poison			Viral
Vapour	x		Toxic – Narcotic			Fungal
Gas			Toxic – Nervous System			Fauna
Liquids	x		Toxic – Metallic			Flora
Solids			Carcinogenic			
Mists			Mutagenic			
Aerosols			Teratogenic			
Fibres			Corrosive/Irritant			
			Dermatitic			

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
x		x	x					x

Persons Who may be Affected













Employees	x	Lawful Visitors		Pregnant Women/Nursing Mothers	
Contractors	x	Unlawful Visitors		Lone Workers	
Members of the Public		Young People		Shift Workers	

Where is Material Used

Outside	x	Inside – good ventilation	x	Inside – poor ventilation	x	Confined Space	
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Control Measures

Health Risks	Control Measures
Inhalation of vapours can cause respiratory irritation, dizziness, and central nervous system effects. Skin contact can cause dryness and irritation. Ingestion can be fatal.	Use in well-ventilated areas or outdoors. Avoid skin and eye contact. Do not ingest. Prevent spillage. Use proper grounding and bonding procedures during transfer.
First Aid/Hygiene Arrangements	Fire Precautions
In case of inhalation, move to fresh air. In case of skin contact, wash with soap and water. If ingested, do not induce vomiting; seek medical attention immediately.	Store in approved containers away from oxidizing agents and sources of ignition. Use non-sparking tools. Have appropriate fire extinguishers available.










Ventilation (LEV/Dilution) Requirements	Disposal Requirements										
Adequate ventilation required, especially in enclosed spaces.	Dispose of in accordance with local and national regulations.										
Transport Arrangements	Storage Requirements										
Classified as a dangerous good for transport; must comply with relevant transport regulations.	Store in a cool, well-ventilated area away from direct sunlight and sources of ignition.										
Spillage Requirements	Comments										
Eliminate ignition sources. Absorb spillages with non-combustible, absorbent material.											
PPE Required											
											
Gloves	Hi Vis	Hard Hat	Ear Prot.	Boots	Overalls	Dust Mask	Respirator	Eye Prot.	Face Prot.	Harness	Hygiene
x								x			x
Health Surveillance Required											
Type: Regular health checks for skin and respiratory conditions.	Interval: Annually.										

Residual Risk:	Tolerable	Low	x Medium
High			
Very High			
Assessor:			
Name:	Signature:	Post:	Date:
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024
Review of Risk Assessment			
Date for Review:	Carried out by:	Findings:	Signature:
01/07/2025			

COSHH Assessment Sheet

Product Name	Pipe Lubricant				COSHH Assessment No.	021
Route of Entry	Skin Absorption	x	Eyes	x	Inhalation	x
	Ingestion	x	Cuts Abrasions		Injection	
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases	Not regarded as a health or environmental hazard under current legislation.
	Not specified under current legislation.				Safety Phrases	
Task/Activity/Work Practice	Lubrication tasks for drainage pipe.				Date:	01/07/2024
Supplier's Name and Address	MacDermid plc, Palmer Street Bordesley, Birmingham, B9 4EU				Supplier's Telephone and Fax Numbers	+44 (0) 121 606 8100
Physical Form and Hazardous Assessment						
Dust			Toxic – Asphyxiate			Bacterial
Fumes			Toxic – Poison			Viral
Vapour			Toxic – Narcotic			Fungal
Gas			Toxic – Nervous System			Fauna
Liquids	x		Toxic – Metallic			Flora
Solids			Carcinogenic			
Mists			Mutagenic			
Aerosols			Teratogenic			
Fibres			Corrosive/Irritant			
			Dermatitic		x	

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
								x

Persons Who may be Affected













Employees	x	Lawful Visitors	Pregnant Women/Nursing Mothers
Contractors	x	Unlawful Visitors	Lone Workers
Members of the Public		Young People	Shift Workers

Where is Material Used

Outside	x	Inside – good ventilation	Inside – poor ventilation	Confined Space
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Control Measures

Health Risks	Control Measures
<p>May cause discomfort if swallowed, skin redness, irritation, dryness, and temporary eye irritation.</p>	<p>Use protective gloves, eye protection, and ensure adequate ventilation. Avoid contact with eyes, and observe good industrial hygiene practices.</p>
First Aid/Hygiene Arrangements	Fire Precautions
<p>In case of contact, rinse eyes with water or wash skin. If ingested, rinse mouth and seek medical attention if discomfort continues.</p>	<p>Use appropriate extinguishing media like foam or dry powder. Full protective clothing and self-contained breathing apparatus recommended in case of fire.</p>

Ventilation (LEV/Dilution) Requirements						Disposal Requirements					
-						Dispose of as controlled waste. Contact the local Waste Disposal Authority and ensure no environmental release.					
Transport Arrangements						Storage Requirements					
-						Store in a tightly closed container in a cool, well-ventilated place away from excessive heat. Keep within 5°C to 40°C.					
Spillage Requirements						Comments					
PPE Required											
											
Gloves	Hi Vis	Hard Hat	Ear Prot.	Boots	Overalls	Dust Mask	Respirator	Eye Prot.	Face Prot.	Harness	Hygiene
x								x			
Health Surveillance Required											
Type: Regular observation for skin and eye irritation among workers.						Interval: Annually.					
Residual Risk:	Tolerable	x	Low		Medium		High		Very High		

Assessor:

Name:	Signature:	Post:	Date:
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024










Review of Risk Assessment

Date for Review:	Carried out by:	Findings:	Signature:
01/07/2025			

COSHH Assessment Sheet

Product Name	Propane				COSHH Assessment No.	022
Route of Entry	Skin Absorption		Eyes		Inhalation	x
	Ingestion		Cuts Abrasions		Injection	
Description						
Propane is used as a fuel gas for burning macro fibers protruding from the top of freshly concreted oversites. The burning process requires using propane in torches or burners to achieve a smooth finish on the concrete surface.						
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases	R12 - Extremely flammable gas.
	-		-		Safety Phrases	S2 - Keep out of reach of children. S16 - Keep away from sources of ignition - No smoking. S9 - Keep container in a well-ventilated place.
Task/Activity/Work Practice	The task involves the controlled burning of macro fibres on concrete surfaces using propane-fuelled equipment.				Date:	01/07/2024
Supplier's Name and Address	Various				Supplier's Telephone and Fax Numbers	-
Physical Form and Hazardous Assessment						
Dust		Toxic – Asphyxiate				Bacterial
Fumes		Toxic – Poison				Viral
Vapour		Toxic – Narcotic				Fungal
Gas	x	Toxic – Nervous System				Fauna
Liquids		Toxic – Metallic				Flora
Solids		Carcinogenic				
Mists		Mutagenic				
Aerosols		Teratogenic				
Fibres		Corrosive/Irritant				
		Dermatitic				

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
x		x	x			x		x

Persons Who may be Affected













Employees	x	Lawful Visitors		Pregnant Women/Nursing Mothers	
Contractors	x	Unlawful Visitors		Lone Workers	
Members of the Public		Young People		Shift Workers	

Where is Material Used

Outside	x	Inside – good ventilation	Inside – poor ventilation	Confined Space
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Control Measures

Health Risks	Control Measures
Inhalation of combustion products, risk of explosion, cold burns from contact with liquid propane, and fire hazards.	Use in well-ventilated areas, proper handling and storage of propane cylinders, use of appropriate PPE, and adherence to safe operating procedures for burning equipment. Hot Works Permit to be completed before use.
First Aid/Hygiene Arrangements	Fire Precautions
In case of inhalation, move the person to fresh air; for skin or eye contact, treat cold burns and seek medical attention. Emergency showers and eyewash stations should be accessible.	No smoking or open flames near propane use areas; have fire extinguishers readily available.

Ventilation (LEV/Dilution) Requirements						Disposal Requirements					
Perform operations outdoors or in well-ventilated areas to prevent the accumulation of flammable gases.						Follow regulations for the disposal of propane cylinders and any waste materials generated from the burning process.					
Transport Arrangements						Storage Requirements					
Transport in accordance with regulations for compressed gases.						Store cylinders upright in a cool, well-ventilated area away from sources of ignition and heat. Store in a COSHH Locker.					
Spillage Requirements						Comments					
In case of leaks, shut off the source if safe to do so and ventilate the area.											
PPE Required											
											
Gloves	Hi Vis	Hard Hat	Ear Prot.	Boots	Overalls	Dust Mask	Respirator	Eye Prot.	Face Prot.	Harness	Hygiene
x								x			
Health Surveillance Required											
Type: Regular health surveillance for respiratory conditions and skin examinations.						Interval: Annually.					








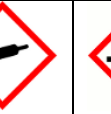

Residual Risk:	Tolerable	Low	Medium x High Very High
Assessor:			
Name:	Signature:	Post:	Date:
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024
Review of Risk Assessment			
Date for Review:	Carried out by:	Findings:	Signature:
01/07/2025			

COSHH Assessment Sheet

Product Name	Ready Mix Concrete					COSHH Assessment No.	023
Route of Entry	Skin Absorption	x	Eyes	x	Inhalation	x	Description Ready-Mixed Concrete is a versatile construction material primarily used in building and construction work. This assessment covers bulk Traditional Ready-mixed Concrete.
	Ingestion		Cuts Abrasions		Injection		
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases	Serious Eye Damage (Category 1, H318), Skin Sensitisation (Category 1, H317), Skin Irritation (Category 2, H315)	
	-		-		Safety Phrases	<p>P102: Keep out of reach of children.</p> <p>P280: Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P305+P351+P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.</p> <p>P302+P352: IF ON SKIN: Wash with plenty of soap and water.</p> <p>P333+P313: If skin irritation or rash occurs: Get medical advice/attention.</p> <p>P261: Avoid breathing dust.</p> <p>P501: Dispose of contents/container according to local/regional/national/international regulations.</p>	
Task/Activity/Work Practice	General Concrete Applications				Date:	01/07/2024	
Supplier's Name and Address	Various				Supplier's Telephone and Fax Numbers	-	
Physical Form and Hazardous Assessment							
Dust	x	Toxic – Asphyxiate				Bacterial	
Fumes		Toxic – Poison				Viral	
Vapour		Toxic – Narcotic				Fungal	

Gas		Toxic – Nervous System		Fauna	
Liquids	x	Toxic – Metallic		Flora	
Solids	x	Carcinogenic			
Mists		Mutagenic			
Aerosols		Teratogenic			
Fibres		Corrosive/Irritant			
		Dermatitic			

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
			x				x	x

Persons Who may be Affected













Employees	x	Lawful Visitors		Pregnant Women/Nursing Mothers	
Contractors	x	Unlawful Visitors		Lone Workers	
Members of the Public		Young People		Shift Workers	

Where is Material Used

Outside	x	Inside – good ventilation	Inside – poor ventilation	Confined Space	
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Control Measures

Health Risks	Control Measures
Chemical burns, dermatitis, respiratory issues from dust, serious eye damage.	Use of PPE, proper mixing and handling procedures, avoiding dust generation.
	Fire Precautions

First Aid/Hygiene Arrangements											
Eye wash stations, skin washing facilities, PPE decontamination.						Non-flammable but observe general fire safety practices.					
Ventilation (LEV/Dilution) Requirements						Disposal Requirements					
Adequate ventilation required when cutting or drilling hardened product.						-					
Transport Arrangements						Storage Requirements					
-						-					
Spillage Requirements						Comments					
-											
PPE Required											
											
Gloves	Hi Vis	Hard Hat	Ear Prot.	Boots	Overalls	Dust Mask	Respirator	Eye Prot.	Face Prot.	Harness	Hygiene
x	x	x		x	x			x			x
Health Surveillance Required											










Type: Dermatological and respiratory health monitoring recommended.		Interval: Annually.	
Residual Risk:	Tolerable	Low	x Medium
Assessor:			
Name:	Signature:	Post:	Date:
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024
Review of Risk Assessment			
Date for Review:	Carried out by:	Findings:	Signature:
01/07/2025			

COSHH Assessment Sheet

Product Name	Sewage				COSHH Assessment No.	024	
Route of Entry	Skin Absorption		Eyes		Description	Exposure to sewage involves working in live manholes where workers may come into contact with untreated wastewater and sewage, containing biological agents (bacteria, viruses, parasites), chemicals, and potentially hazardous gases.	
	Ingestion		Cuts Abrasions				Inhalation
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases	Risk of infection, chemical burns, respiratory irritation, and toxic gas exposure.	
	Not specifically listed for sewage; however, exposure limits for certain gases like hydrogen sulfide (5 ppm 8-hour TWA) and ammonia (25 ppm 8-hour TWA) may apply.				Safety Phrases	<p>P102: Keep out of reach of children.</p> <p>P280: Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P302+P352: IF ON SKIN: Wash with plenty of soap and water.</p> <p>P261: Avoid breathing dust/fume/gas/mist/vapours/spray.</p> <p>P273: Avoid release to the environment.</p> <p>P501: Dispose of contents/container in accordance with local/regional/national/international regulations.</p>	
Task/Activity/Work Practice	Maintenance, inspection, and repair work within live sewer manholes and wastewater systems.				Date:	01/07/2024	
Supplier's Name and Address					Supplier's Telephone and Fax Numbers		
Physical Form and Hazardous Assessment							
Dust		Toxic – Asphyxiate			x	Bacterial	x
Fumes		Toxic – Poison				Viral	x

Vapour	x	Toxic – Narcotic		Fungal	x
Gas	x	Toxic – Nervous System		Fauna	
Liquids	x	Toxic – Metallic		Flora	
Solids	x	Carcinogenic			
Mists	x	Mutagenic			
Aerosols		Teratogenic			
Fibres		Corrosive/Irritant			
		Dermatitic			

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
		x		x	x			x

Persons Who may be Affected

Employees	x	Lawful Visitors		Pregnant Women/Nursing Mothers	
Contractors	x	Unlawful Visitors		Lone Workers	
Members of the Public		Young People		Shift Workers	

Where is Material Used

Outside	x	Inside – good ventilation	x	Inside – poor ventilation	x	Confined Space	x
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Control Measures

Health Risks	Control Measures
Gastrointestinal infections, respiratory diseases, skin and eye irritation, chemical burns, toxic gas exposure.	Use of confined space entry procedures, gas monitoring, PPE, hygiene practices, immunization (e.g., Hepatitis A and B, Tetanus).

Health Surveillance Required

Type: Regular medical check-ups focusing on gastrointestinal, respiratory, and skin health.	Interval: Annually.
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Residual Risk:	Tolerable		Low		Medium	x	High		Very High
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Assessor:

Name:	Signature:	Post:	Date:
Sean Toomey CertIOSH	<i>Sean Toomey CertIOSH</i>	SHEQ Consultant	01/07/2024

Review of Risk Assessment










Date for Review:	Carried out by:	Findings:	Signature:
01/07/2025			

COSHH Assessment Sheet

Product Name	Solvent Cement				COSHH Assessment No.	025	
Route of Entry	Skin Absorption	x	Eyes	x	Inhalation	x	
	Ingestion	x	Cuts Abrasions		Injection		
Description							Used as an adhesive in construction and plumbing for bonding plastic pipes and fittings. Contains hazardous substances including Tetrahydrofuran, Butanone, and Cyclohexanone, posing risks of flammability, health hazards like skin and eye irritation, and suspected carcinogenic effects.
Workplace Exposure Limits	STEL:		LTEL:		Risk Phrases		
	As per EH40, Butanone: 200 ppm (8hr TWA), 600 ppm (STEL); Cyclohexanone: 10 ppm (8hr TWA), 20 ppm (STEL).		-		Safety Phrases		
Risk Phrases							Flammable, causes eye irritation, may cause drowsiness or dizziness, suspected of causing cancer.
Safety Phrases							P201: Obtain special instructions before use. P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking. P271: Use only outdoors or in a well-ventilated area. P280: Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. P313: Get medical advice/attention if you feel unwell.
Task/Activity/Work Practice	Application of solvent cement for bonding PVC pipes and fittings				Date:	01/07/2024	
Supplier's Name and Address	-				Supplier's Telephone and Fax Numbers	-	
Physical Form and Hazardous Assessment							
Dust		Toxic – Asphyxiate				Bacterial	
Fumes		Toxic – Poison				Viral	
Vapour		Toxic – Narcotic				Fungal	
Gas		Toxic – Nervous System				Fauna	

Liquids	x	Toxic – Metallic		Flora	
Solids		Carcinogenic			
Mists		Mutagenic			
Aerosols		Teratogenic			
Fibres		Corrosive/Irritant			
		Dermatitic			

Substance Properties

								
Flammable	Oxidising	Explosive	Health hazard/ Hazardous to the ozone layer	Serious Health Hazard	Toxic	Gas Under Pressure	Corrosive	Harmful to the Environment
x			x					x

Persons Who may be Affected













Employees	x	Lawful Visitors		Pregnant Women/Nursing Mothers	
Contractors	x	Unlawful Visitors		Lone Workers	
Members of the Public		Young People		Shift Workers	

Where is Material Used

Outside	x	Inside – good ventilation	x	Inside – poor ventilation	x	Confined Space	
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Control Measures

Health Risks	Control Measures
Irritation to eyes and skin, dizziness, potential carcinogenic effects, allergic reactions.	Adequate ventilation, use of PPE (gloves, eye protection, respirators), avoiding ignition sources.
	Fire Precautions

First Aid/Hygiene Arrangements		
Eye wash stations, safety showers, medical facilities for immediate attention in case of exposure.		Use of foam, CO2, dry powder, or water fog extinguishers; avoiding sparks and open flames.
Ventilation (LEV/Dilution) Requirements		Disposal Requirements
-		-
Transport Arrangements		Storage Requirements
-		Store in a cool, well-ventilated area away from heat and ignition sources.
Spillage Requirements		Comments
PPE Required		
		
		
		
		
Gloves	Hi Vis	Hard Hat
Ear Prot.	Boots	Overalls
Dust Mask	Respirator	Eye Prot.
Face Prot.	Harness	Hygiene
x		
Health Surveillance Required		

Type:		Interval							
Residual Risk:	Tolerable		Low	x	Medium		High		Very High
Assessor:									
Name:		Signature:			Post:		Date:		
Sean Toomey CertIOSH MCI0B		<i>Sean Toomey CertIOSH MCI0B</i>			SHEQ Consultant		19/06/2024		
Review of Risk Assessment									
Date for Review:		Carried out by:			Findings:		Signature:		
19/06/2025									