SAFETY DATA SHEET

POLYPIPE GAP FILLER CEMENT CFC 100
Supersedes Date: 13.10.2021

Revision date 17.05.2024
Revision Number 2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product Name POLYPIPE GAP FILLER CEMENT
Pure substance/mixture Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Adhesives and/or sealants.
Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Supplier
Polypipe Building Products Limited
Broomhouse Lane
Edlington
Doncaster
DN12 1ES

Tel: 01709 770000
Fax: 01709 770001

1.4. Emergency telephone number

Bostik +44 (1785) 272650
(Monday- Friday 9am-5pm)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Serious eye damage/eye irritation	Category 1 - (H318)
Specific target organ toxicity — single exposure	Category 3 - (H336) Narcotic effects
Flammable liquids	Category 2 - (H225)

2.2. Label elements

Contains Methyl ethyl ketone, Cyclohexanone

Signal word
Danger

Hazard statements
H318 - Causes serious eye damage.
H336 - May cause drowsiness or dizziness.
H225 - Highly flammable liquid and vapour.

EU Specific Hazard Statements
EUH066 - Repeated exposure may cause skin dryness or cracking
EUH205 - Contains epoxy constituents. May produce an allergic reaction

EUH208 - Contains Bisphenol-A-Epichlorohydrin Epoxy resin (number average molecular weight <=700). May produce an allergic reaction

Precautionary Statements - EU (§28, 1272/2008)
P101 - If medical advice is needed, have product container or label at hand
P102 - Keep out of reach of children
P210 - Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smokingP260 - Do not breathe vapor
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves and eye / face protection
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P501 - Dispose of contents / container to an approved waste disposal plant

Additional information
This product requires tactile warnings if supplied to the general public.

2.3. Other hazards

Causes mild skin irritation. In use, may form flammable/explosive vapour-air mixture.

PBT & vPvB
This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	EC No (EU Index No)	CAS No	Weight -%	Classification according to Regulation (EC)No. 1272/2008 [CLP]	Specific concentration limit(SCL)	REACH registration number
Methyl ethyl ketone	(606-002-00-3) 201-159-0	78-93-3	40 - <80	Eye Irrit. 2 (H319) (EUH066) STOT SE 3 (H336) Flam. Liq. 2 (H225)		01-2119457290-43-XXXX
Cyclohexanone	(606-010-00-7) 203-631-1	108-94-1	5 - <10	Acute Tox. 4 (H332) Flam. Liq. 3 (H226) Acute Tox. 4 (H302) Acute Tox. 4 (H312) Skin Irrit. 2 (H315) Eye Dam. 1 (H318)		01-2119453616-35-XXXX
Propylene carbonate	(607-194-00-1) 203-572-1	108-32-7	0.1 <0.3	Eye Irrit. 2 (H319)		01-2119537232-48-XXXX
Bisphenol-A-Epichlorohydrin Epoxy resin <= 700	500-033-5	25068-38-6	0.1 - <0.3	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Aquatic Chronic 2 (H411)	Eye Irrit. 2 :: C>=5% Skin Irrit. 2 :: C>=5%	01-2119456619-26-xxxx

Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

Inhalation Remove to fresh air. Get medical attention immediately if symptoms occur. IF exposed or concerned: Get medical advice/attention.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Get immediate medical advice / attention. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor.

Self-protection of the first aider Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes, or clothing.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms Burning sensation. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea, and vomiting. Prolonged contact may cause redness and irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

Unsuitable extinguishing media No information available.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Hazardous combustion products Carbon oxides. Hydrogen chloride.

5.3. Advice for firefighters

Special protective equipment andprecautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment, and emergency procedures

Personal precautions	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes, or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk-through spilled material.
Other information	Ventilate the area. Refer to protective measures listed in Sections 7 and 8.
For emergency responders	Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions	Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Methods for containment	Stop leak if you can do it without risk. Do not touch or walk-through spilled material. A vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Keep out of drains, sewers, ditches, and waterways. Absorb withearth, sand or other non-combustible material and transfer to containers for later disposal.
Methods for cleaning up	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections	See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling	Use personal protection equipment. Avoid breathing vapours or mists. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire, or explosion. Use with local exhaust ventilation. Use spark-proof tools andexplosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safetypractice. Avoid contact with skin, eyes, or clothing. Do not eat, drink, or smoke when using this product. In case of insufficient ventilation, wear suitable respiratory equipment.
General hygiene considerations	Do not eat, drink, or smoke when using this product.

Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling theproduct. Avoid contact with skin, eyes, or clothing. Wear suitable gloves and eye/face protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors, and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children.

Recommended storage temperature Keep at temperatures between 5 and 25 °C.

7.3. Specific end use(s)

Specific use(s)
Adhesives and/or sealants.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Other information Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	European Union	United Kingdom
Methyl ethyl ketone 78-93-3	TWA: 200 ppm TWA: 600 mg/m³ STEL: 300 ppm STEL: 900 mg/m³	TWA: 200 ppm TWA: 600 mg/m³ STEL: 300 ppm STEL: 899 mg/m³ Sk*
Cyclohexanone 108-94-1	TWA: 10 ppm TWA: 40.8 mg/m³ STEL: 20 ppm STEL: 81.6 mg/m³ *	TWA: 10 ppm TWA: 41 mg/m³ STEL: 20 ppm STEL: 82 mg/m³ Sk*

Chemical name	European Union	Ireland	United Kingdom
Methyl ethyl ketone 78-93-3	-	70 µmol/L (urine - Butan-2-one post shift)	70 µmol/L urine
Cyclohexanone 108-94-1	-	8 mg/L (urine - Cyclohexanol end of shift) 80 mg/L (urine - 1,2-Cyclohexanediol end of shift)	2 mmol/mol creatinine urine

Derived No Effect Level (DNEL) .

Derived No Effect Level (DNEL)			
Methyl ethyl ketone (78-93-3)			
Type	**Exposure route**	**Derived No Effect Level (DNEL)**	**Safety factor**
worker long term Systemic health effects	Dermal	1161 mg/kg bw/d	

worker long term Systemic health effects	Inhalation	600 mg/m³	

Cyclohexanone (108-94-1)			
Type	**Exposure route**	**Derived No Effect Level (DNEL)**	**Safety factor**
worker long term Systemic health effects	Inhalation	100 mg/m³	
worker short term Systemic health effects	Inhalation	80 mg/m³	
worker long term Local health effects	Inhalation	40 mg/m³	
worker short term Local health effects	Inhalation	80 mg/m³	
worker long term Systemic health effects	Dermal	4 mg/kg bw/d	
worker short term Systemic health effects	Dermal	4 mg/kg bw/d	

Propylene carbonate (108-32-7)			
Type	**Exposure route**	**Derived No Effect Level (DNEL)**	**Safety factor**
worker short term Systemic health effects	Inhalation	70.53 mg/m³	
worker long term Systemic health effects	Inhalation	20 mg/m³	
worker short term Systemic health effects	Dermal	20 mg/kg bw/d	
worker short term Systemic health effects	Dermal	10 mg/m₂	

Bisphenol-A-Epichlorohydrin Epoxy resin <= 700 MW (25068-38-6)			
Type	**Exposure route**	**Derived No Effect Level (DNEL)**	**Safety factor**
worker short term Systemic health effects	Dermal	8.33 mg/kg bw/d	
worker long term Systemic health effects	Dermal	8.33 mg/kg bw/d	
worker short term Systemic health effects	Inhalation	12.25 mg/kg bw/d	

Derived No Effect Level (DNEL)			
Methyl ethyl ketone (78-93-3)			
Type	**Exposure route**	**Derived No Effect Level (DNEL)**	**Safety factor**
Consumer Long term Systemic health effects	Dermal	412 mg/kg bw/d	

Consumer Long term Systemic health effects	Inhalation	106 mg/m³	
Consumer Local health effects Systemic health effects	Oral	31 mg/kg bw/d	

Cyclohexanone (108-94-1)			
Type	**Exposure route**	**Derived No Effect Level (DNEL)**	**Safety factor**
Consumer Long term Systemic health effects	Inhalation	20 mg/m³	
Consumer Long term Systemic health effects	Dermal	20 mg/kg bw/d	
Consumer Long term Systemic health effects	Oral	5 mg/kg bw/d	

Propylene carbonate (108-32-7)			
Type	**Exposure route**	**Derived No Effect Level (DNEL)**	**Safety factor**
Consumer Long term Systemic health effects	Inhalation	17.4 mg/m³	
Consumer Long term Systemic health effects	Inhalation	10 mg/m³	
Consumer Local health effects Systemic health effects	Dermal	10 mg/kg bw/d	
Consumer Local health effects Systemic health effects	Oral	10 mg/kg bw/d	

Bisphenol-A-Epichlorohydrin Epoxy resin <= 700 MW (25068-38-6)			
Type	**Exposure route**	**Derived No Effect Level (DNEL)**	**Safety factor**
Consumer Short term Systemic health effects	Dermal	3.571 mg/kg bw/d	
Consumer Short term Systemic health effects	Oral	0.75 mg/kg bw/d	
Consumer Long term Systemic health effects	Dermal	3.571 mg/kg bw/d	
Consumer Long term Systemic health effects	Oral	0.75 mg/kg bw/d	

Predicted No Effect Concentration (PNEC)

Predicted No Effect Concentration (PNEC)	
Methyl ethyl ketone (78-93-3)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	55.8 mg/l
Marine water	55.8 mg/l
Freshwater sediment	287.74 mg/l
Marine sediment	287.7 mg/l
Soil	22.5 mg/l

Cyclohexanone (108-94-1)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.0329 mg/l
Marine water	0.00329 mg/l
Freshwater sediment	0.168 mg/kg
Marine sediment	0.0168 mg/kg
Soil	0.0143 mg/kg

Propylene carbonate (108-32-7)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.9 mg/l
Marine water	0.09 mg/l
Soil	0.81 mg/kg dry weight
Sewage treatment plant	7400 mg/l

Bisphenol-A-Epichlorohydrin Epoxy resin <= 700 MW (25068-38-6)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.006 mg/l
Marine water	0.0006 mg/l
Freshwater sediment	0.996 mg/l
Marine sediment	0.0996 mg/l
Soil	0.196 mg/l

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas. Vapours/aerosols must be exhausted directly at the point of origin.

Personal protective equipment

Eye/face protection Tight sealing safety goggles. Face protection shield.

Hand protection Wear protective gloves. Gloves must conform to standard EN 374. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves.

The breakthrough time of the gloves depends on the material and the thickness as well as the temperature.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Skin and body protection Antistatic footwear. Wear fire/flame resistant/retardant clothing. Suitable protective clothing.

Respiratory protection In case of inadequate ventilation wear respiratory protection. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Recommended filter type: Organic gases and vapours filter conforming to EN 14387.

Environmental exposure controls Do not allow into any sewer, on the ground or into any body of water.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Thixotropic
Colour	Colourless
Odour	Characteristic
Odour threshold	No information available
Initial boiling point and boiling range	79 °C

Flash point	-9 °C
Evaporation rate	No data available
Flammability	Not applicable for liquids .
Flammability Limit in Air	
Upper flammability or explosivelimits	
Lower flammability or explosivelimits	

9.2. Other information

Solid content (%)	No information available	
VOC Content (%)	790 g/L	European directive n°2010/75/UE

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge Yes.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Heat, flames, and sparks.

10.5. Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong Oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions. Stable under recommended storage conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. May cause drowsiness ordizziness.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye damage. May cause irreversible damage to eyes.
Skin contact	Specific test data for the substance or mixture is not available. May cause irritation. Causes mild skin irritation.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical, and toxicological characteristics

Symptoms	Redness. Burning. May cause blindness. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea, and vomiting. Prolonged contact may cause redness and irritation.

Numerical measures of toxicity

Acute toxicity
The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	19,336.60 mg/kg
ATEmix (dermal)	13,856.90 mg/kg
ATEmix (inhalation-dust/mist)	18.90 mg/l
ATEmix (inhalation-vapor)	138.60 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Methyl ethyl ketone 78-93-3	=2483 mg/kg (Rattus)	= 5000 mg/kg (Oryctolagus cuniculus)	=11700 ppm (Rattus) 4 h
Cyclohexanone 108-94-1	=1535 mg/kg (Rattus)	= 947 mg/kg (Oryctolagus cuniculus)	=8000 ppm (Rattus) 4 h
Propylene carbonate	LD50> 5000 mg/kg (Rattus) OECD 401	➢ 3000 mg/kg (Oryctolagus cuniculus)	-
Bisphenol-A-Epichlorohydrin Epoxy resin <= 700 MW 25068-38-6	LD50 (Rattus) > 2000 mg/kg OECD 420	>2000 mg/Kg (Rattus)	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	May cause skin irritation. Classification based on data available for ingredients.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.

Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT - single exposure	May cause drowsiness or dizziness.
STOT - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor (long-term)
Methyl ethyl ketone 78-93-3	EC50=1972 mg/l (Pseudokirchneriella subcapitata)	LC50: 3130 - 3320mg/L (96h, Pimephales promelas)	EC50 = 3403 mg/L 30 min EC50 = 3426 mg/L 5 min	EC50 48 h > 308 mg/L (Daphnia magna)		
Cyclohexanone 108-94-1	EC50: =20mg/L (96h, Chlorella vulgaris)	LC50 96 h 481 - 578 mg/L (Pimephales promelas flow-through)	EC50 = 18.5 mg/L 5 min EC50 = 21.3 mg/L 10 min EC50 = 25 mg/L 5 min	EC50: =800mg/L (24h, Daphnia magna)		
Propylene carbonate 108-32-7	ErC50 (72h): > 900mg/l (Desmodesmus subspicatus, IECD-201)	LC50 (96) h> 1000 mg/l (Cyprinus carpio,67/548/EWG, Annex V, C.1.)	EC50 > 100000 Mg/L 17 h	EC50 (48h): > 1000 mg/l (Daphnia magna, OECD 202)		
Bisphenol-A-Epichlorhydrin Epoxy resin <= 700 MW 25068-38-6	EC50 (72h) = 9.4 mg/L (Scenedesmus capricornutum) EPA-660/3-75-009	1.2 mg/l 96Hr (Oncorhynchus mykiss)	-	2.7 mg/l 48hr Daphia Magna		

12.2. Persistence and degradability

Persistence and degradability No information available.

Methyl ethyl ketone (78-93-3)			
Method	**Exposure time**	**Value**	**Results**
OECD Test No. 301D: Ready Biodegradability: Closed Bottle Test(TG 301 D)	28 days	biodegradation	98 % Readily biodegradable

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient
Methyl ethyl ketone	0.3
Cyclohexanone	1.05
Propylene carbonate	-0.41
Bisphenol-A-Epichlorohydrin Epoxy resin <= 700 MW	3.26

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB above the threshold of declaration

Chemical name	PBT and vPvB assessment
Methyl ethyl ketone	The substance is not PBT / vPvB
Cyclohexanone	The substance is not PBT / vPvB PBT assessment does not apply
Propylene carbonate	The substance is not PBT / vPvB
Bisphenol-A-Epichlorohydrin Epoxy resin <= 700 MW	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture, or weld containers.

European Waste Catalogue 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances
15 01 10*: Packaging containing residues of or contaminated by dangerous substances

Other information Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

Note: The shipping descriptions shown here are for bulk shipments only and may not apply to shipments made in non-bulk packages (see regulatory definition). The information shown here, may not always agree with the bill of lading shipping description for the material.

Land transport (ADR/RID)

14.1 UN number or ID number	UN1133
14.2 Proper Shipping Name	Adhesives
14.3 Transport hazard class(es)	3
Labels	3
14.4 Packing group	III
Description	UN1133, Adhesives, 3, III, (D/E)
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	640D
Classification code	F1
Tunnel restriction code	(D/E)
Limited Quantity (LQ)	5 L
ADR Hazard Id (Kemmler Number)	33

IMDG

14.1 UN number or ID number	UN1133
14.2 Proper Shipping Name	Adhesives
14.3 Transport hazard class(es)	3
14.4 Packing group	III
Description	UN1133, Adhesives, 3, III, (-9°C c.c.)
14.5 Marine pollutant	NP
14.6 Special Provisions	None
Limited Quantity (LQ)	5 L
EmS-No	F-E, S-D
14.7 Maritime transport in bulk according to IMO instruments	Not applicable

Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number	UN1133
14.2 Proper Shipping Name	Adhesives
14.3 Transport hazard class(es)	3
14.4 Packing group	III
Description	UN1133, Adhesives, 3, III
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	A3
Limited Quantity (LQ)	1 L
ERG Code	3L

Section 15: REGULATORY INFORMATION

15.1. Safety, health, and environmental regulations/legislation specific for the substance or mixture

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACh) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorisation:
This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No.

1907/2006 (REACH), Article 59)

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction
This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Substance subject to authorisation per REACH Annex XIV
This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

Dangerous substance category per Seveso Directive (2012/18/EU)
P5a - FLAMMABLE LIQUIDS
P5b - FLAMMABLE LIQUIDS
P5c - FLAMMABLE LIQUIDS

Ozone-depleting substances (ODS) regulation (EC) 1005/2009
Not applicable

Persistent Organic Pollutants
Not applicable

National regulations

15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3
EUH066 - Repeated exposure may cause skin dryness or cracking
H225 - Highly flammable liquid and vapour
H226 - Flammable liquid and vapour
H302 - Harmful if swallowed
H312 - Harmful in contact with skin
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H319 - Causes serious eye irritation
H332 - Harmful if inhaled
H336 - May cause drowsiness or dizziness
H411 - Toxic to aquatic life with long lasting effects

Legend

TWA	(Time-Weighted Average)
STEL	(Short Term Exposure Limit)
Ceiling	Ceiling Limit Value
*	Skin designation
SVHC	Substance(s) of Very High Concern
PBT	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
vPvB	Very Persistent and very Bioaccumulative (vPvB) Chemicals
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure
EWC	European Waste Catalogue
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG	International Maritime Dangerous Goods (IMDG)
IATA	International Air Transport Association (IATA)
RID	Regulations concerning the International Transport of Dangerous Goods by Rail

Key literature references and sources for data
No information available

Prepared By	Product Safety & Regulatory Affairs
Revision date	01-Feb-2023

Indication of changes

Revision note	Not applicable.
Training Advice	Provide adequate information, instruction, and training for operator
Further information	No information available

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification.

The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet