SAFETY DATA SHEET

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

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

1.1. Product identifier

Product name Tradeweld Pipe Cement

Container size 250ml Tub

EU REACH registration notes All chemicals used in this product have been registered under REACH where required.

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

Identified uses PVC/ABS Solvent Cement

1.3. Details of the supplier of the safety data sheet

Supplier

Fire Suppression Ltd
Unit A Rockhaven
Packgate Road
Bristol, BS11 0FD

Tel - 01179602277
Email -
sales@firesuppression.co.uk

1.4. Emergency telephone number

Emergency telephone Fire Suppression Ltd +44(0)1179602277 (Mon-Fri 09:00-17:00)

National emergency telephone number IN AN EMERGENCY DIAL 999 / 112
For non-emergencies, call NHS 111 (24/7) or a doctor

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Flam. Liq. 2 - H225

Health hazards Eye Dam. 1 - H318 STOT SE 3 - H336

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms

Signal word Danger

Hazard statements EUH208 Contains BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE (EPOXY RESIN). May produce an allergic reaction.
H225 Highly flammable liquid and vapour.
H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.

Tradeweld Pipe Cement

Precautionary statements	P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 Avoid breathing vapour/ spray. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P501 Dispose of contents/ container in accordance with national regulations.
Supplemental label information	EUH066 Repeated exposure may cause skin dryness or cracking.
Contains	BUTANONE, CYCLOHEXANONE
Supplementary precautionary statements	P240 Ground and bond container and receiving equipment. P241 Use explosion-proof electrical equipment. P242 Use non-sparking tools. P243 Take action to prevent static discharges. P264 Wash contaminated skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTRE/doctor if you feel unwell. P337+P313 If eye irritation persists: Get medical advice/ attention. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. In use may form flammable/explosive vapour-air mixture.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

BUTANONE **60-100%**

CAS number: 78-93-3 EC number: 201-159-0

Classification

Flam. Liq. 2 - H225
Eye Irrit. 2 - H319
STOT SE 3 - H336

Tradeweld Pipe Cement

CYCLOHEXANONE **5-10%**

CAS number: 108-94-1 EC number: 203-631-1

Classification
Flam. Liq. 3 - H226
Acute Tox. 4 - H302
Acute Tox. 4 - H312
Acute Tox. 4 - H332
Skin Irrit. 2 - H315
Eye Dam. 1 - H318

BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE (EPOXY RESIN) **<1%**

CAS number: 1675-54-3 EC number: 216-823-5

Classification
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319
Skin Sens. 1 - H317
Aquatic Chronic 2 - H411

TRIETHANOLAMINE **<1%**

CAS number: 102-71-6

Classification
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Carc. 2 - H351
STOT RE 2 - H373

DIETHANOLAMINE **<1%**

CAS number: 111-42-2 EC number: 203-868-0

Classification
Acute Tox. 4 - H302
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
STOT RE 2 - H373

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Never give anything by mouth to an unconscious person.

Inhalation Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues. If breathing stops, provide artificial respiration.

Ingestion Rinse mouth thoroughly with water. Do not induce vomiting. Give plenty of water to drink. Get medical attention. Never give anything by mouth to an unconscious person.

Tradeweld Pipe Cement

Skin contact Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if any discomfort continues.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention. Show this Safety Data Sheet to the medical personnel.

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

General information Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Inhalation Overexposure to organic solvents may depress the central nervous system, causing dizziness and intoxication and, at very high concentrations, unconsciousness and death. Irritation of nose, throat and airway. Coughing, chest tightness, feeling of chest pressure.

Ingestion Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation. May cause nausea, headache, dizziness and intoxication.

Skin contact Prolonged contact may cause redness, irritation and dry skin.

Eye contact May cause eye irritation.

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with foam, carbon dioxide or dry powder. Water spray, fog or mist.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Vapours may form explosive mixtures with air. Vapours may be ignited by a spark, a hot surface or an ember. Containers can burst violently or explode when heated, due to excessive pressure build-up.

Hazardous combustion products Oxides of carbon. Toxic and corrosive gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Fight fire from safe distance or protected location. Move containers from fire area if it can be done without risk. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Control run-off water by containing and keeping it out of sewers and watercourses. Do not use water jet as an extinguisher, as this will spread the fire.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Use suitable respiratory protection if ventilation is inadequate. Avoid inhalation of vapours and contact with skin and eyes. Take precautionary measures against static discharges. No smoking, sparks, flames or other sources of ignition near spillage. Do not breathe vapours.

6.2. Environmental precautions

Tradeweld Pipe Cement

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Avoid or minimise the creation of any environmental contamination.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Contain and absorb spillage with sand, earth or other non-combustible material. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Cover large spillages with alcohol-resistant foam. Avoid the spillage or runoff entering drains, sewers or watercourses. If leakage cannot be stopped, evacuate area. Wash thoroughly after dealing with a spillage. Inform authorities if large amounts are involved.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Avoid inhalation of vapours and spray/mists. Provide adequate ventilation. Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. Eliminate all sources of ignition. Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented. Storage tanks and other containers must be earthed. Contaminated rags and cloths must be put in fireproof containers for disposal. Avoid spilling. Avoid contact with skin and eyes. Remove contamination with soap and water or recognised skin cleansing agent. Do not eat, drink or smoke when using this product. Container must be kept tightly closed when not in use.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a well-ventilated place. Keep away from heat, sparks and open flame. Keep away from food, drink and animal feeding stuffs. Keep away from oxidising materials, heat and flames. Earth container and transfer equipment to eliminate sparks from static electricity.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

BUTANONE

Long-term exposure limit (8-hour TWA): WEL 200 ppm 600 mg/m³
Short-term exposure limit (15-minute): WEL 300 ppm 899 mg/m³

CYCLOHEXANONE

Long-term exposure limit (8-hour TWA): WEL 10 ppm 41 mg/m³
Short-term exposure limit (15-minute): WEL 20 ppm 82 mg/m³

TRIETHANOLAMINE

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m³

DIETHANOLAMINE

Tradeweld Pipe Cement

Long-term exposure limit (8-hour TWA): ACGIH 1 mg/m³ inhalable fraction and vapour
Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ 3 ppm

WEL = Workplace Exposure Limit.
ACGIH = American Conference of Governmental Industrial Hygienists.
OSHA = Occupational Safety and Health Administration.

BUTANONE (CAS: 78-93-3)

DNEL

Workers - Dermal; Long term systemic effects: 1161 mg/kg/day
Workers - Inhalation; Long term systemic effects: 600 mg/m³
Consumer - Dermal; Long term systemic effects: 412 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 106 mg/m³
Consumer - Oral; Long term systemic effects: 31 mg/kg/day

PNEC

Fresh water; 55.8 mg/l
marine water; 55.8 mg/l
Intermittent release; 55.8 mg/l
STP; 709 mg/l
Sediment (Freshwater); 284.7 mg/kg
Sediment (Marinewater); 284.7 mg/kg
Soil; 22.5 mg/kg

CYCLOHEXANONE (CAS: 108-94-1)

DNEL

Industry - Dermal; Short term : 100 mg/kg/day
Industry - Inhalation; Short term : 100 mg/m³
Industry - Dermal; Long term : 10 mg/kg/day
Industry - Inhalation; Long term : 80 mg/m³
Consumer - Dermal; Short term : 30 mg/kg/day
Consumer - Inhalation; Short term : 50 mg/m³
Consumer - Oral; Short term : 10 mg/kg/day
Consumer - Dermal; Long term : 20 mg/kg/day
Consumer - Inhalation; Long term : 20 mg/m³

PNEC

Fresh water; 0.0329 mg/l
marine water; 0.00329 mg/l
STP; 10 mg/l
Sediment (Freshwater); 0.0951 mg/kg
Soil; 0.0143 mg/kg

BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE (EPOXY RESIN) (CAS: 1675-54-3)

DNEL

Workers - Dermal; Short term systemic effects: 8.3 mg/kg bw/day
Workers - Inhalation; Short term systemic effects: 12.3 mg/m³
Workers - Dermal; Long term systemic effects: 8.3 mg/kg bw/day
Workers - Inhalation; Long term systemic effects: 12.3 mg/m³
General population - Dermal; Short term systemic effects: 3.6 mg/kg bw/day
General population - Inhalation; Short term systemic effects: 0.75 mg/m³
General population - Oral; Short term systemic effects: 0.75 mg/kg bw/day
General population - Dermal; Long term systemic effects: 3.6 mg/kg bw/day
General population - Inhalation; Long term systemic effects: 0.75 mg/m³
General population - Oral; Long term systemic effects: 0.75 mg/kg bw/day

Tradeweld Pipe Cement

PNEC	Fresh water; 3 µg/l marine water; 0.3 µg/l STP; 10 mg/l Sediment (Freshwater); 0.5 mg/kg dwt Sediment (Marinewater); 0.5 mg/kg dwt Sediment; 0.05 mg/kg dwt Intermittent release; 0.013 mg/l

8.2. Exposure controls

Protective equipment

Appropriate engineering controls	Provide adequate ventilation. Ensure that the direction of airflow is clearly away from the worker. Use approved respirator if air contamination is above an acceptable level. Observe any occupational exposure limits for the product or ingredients. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Ensure operatives are trained to minimise exposure. Use explosion-proof general and local exhaust ventilation.
Personal protection	Wear protective clothing.
Eye/face protection	Wear chemical splash goggles. Personal protective equipment that provides appropriate eye and face protection should be worn. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended. When used with mixtures, the protection time of gloves cannot be accurately estimated.
Other skin and body protection	Provide eyewash station. Avoid contact with skin. Wear suitable coveralls to prevent exposure to the skin.
Hygiene measures	Use engineering controls to reduce air contamination to permissible exposure level. When using do not eat, drink or smoke. Use appropriate hand lotion to prevent defatting and cracking of skin. Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. Provide eyewash station. Wash at the end of each work shift and before eating, smoking and using the toilet.
Respiratory protection	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. In confined or poorly-ventilated spaces, a supplied-air respirator must be worn. Ensure all respiratory protective equipment is suitable for its intended use and is 'UKCA'-marked. Check that the respirator fits tightly and the filter is changed regularly. Short term Gas filter, type A2.
Environmental exposure controls	Residues and empty containers should be taken care of as hazardous waste according to local and national provisions. Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Tradeweld Pipe Cement

Appearance	Viscous liquid.
Colour	Colourless to pale yellow.
Odour	Ketonic.
Odour threshold	Not available.
pH	pH (concentrated solution): 6 - 8
Melting point	Not available.
Initial boiling point and range	Butanone: 79 to 81°C Cyclohexanone: 153 to 156°C
Flash point	Mixture: Not available. Butanone: -9 to -6°C Cyclohexanone: 44°C
Evaporation rate	Not available.
Evaporation factor	Not available.
Flammability (solid, gas)	No information required.
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	0.9 @ 20°C
Bulk density	Not available.
Solubility(ies)	Immiscible with water.
Partition coefficient	Not available.
Auto-ignition temperature	Butanone: 404°C Cyclohexanone: 420°C
Decomposition Temperature	Not available.
Viscosity	1000 - 100,000 mm²/s @ 25°C (thixotropic)
Explosive properties	In use may form flammable/explosive vapour-air mixture.
Oxidising properties	Not available.

9.2. Other information

Particle size	No information required.
Volatile organic compound	This product contains a maximum VOC content of 710 g/l.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	May attack some plastics, rubber and coatings. The following materials may react with the product: Strong acids. Oxidising materials.

10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Tradeweld Pipe Cement

Possibility of hazardous reactions Vapours may form explosive mixtures with air.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products None at ambient temperatures. Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic and corrosive gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Summary Based on available data the classification criteria are not met.

ATE oral (mg/kg) 21,600.0

Acute toxicity - dermal

Summary Based on available data the classification criteria are not met.

ATE dermal (mg/kg) 14,666.67

Acute toxicity - inhalation

Summary Based on available data the classification criteria are not met.

ATE inhalation (vapours mg/l) 146.67

Skin corrosion/irritation

Summary Based on available data the classification criteria are not met.

Serious eye damage/irritation

Summary Causes serious eye damage.

Respiratory sensitisation

Summary Based on available data the classification criteria are not met.

Skin sensitisation

Summary Based on available data the classification criteria are not met.

Germ cell mutagenicity

Summary Based on available data the classification criteria are not met.

Carcinogenicity

Summary Based on available data the classification criteria are not met.

Reproductive toxicity

Summary Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

Summary May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

Summary Based on available data the classification criteria are not met.

Aspiration hazard

Tradeweld Pipe Cement

Summary Based on available data the classification criteria are not met.

Toxicological information on ingredients.

BUTANONE

Acute toxicity - oral

Summary	Based on available data the classification criteria are not met.
Acute toxicity oral (LD_{50} mg/kg)	2,000.0
Species	Rat
Notes (oral LD_{50})	The classification is based upon information available for a similar product. 2-Butanol

Acute toxicity - dermal

Summary	Based on available data the classification criteria are not met.
Acute toxicity dermal (LD_{50} mg/kg)	5,000.0
Species	Rabbit

Acute toxicity - inhalation

Summary	Based on available data the classification criteria are not met.
Acute toxicity inhalation (LC_{50} vapours mg/l)	5,000.0
Species	Rat
ATE inhalation (vapours mg/l)	5,000.0

Skin corrosion/irritation

Summary	Repeated exposure may cause skin dryness or cracking. The classification is based upon information available for a similar product. 2-Butanol Rabbit Not irritating. (OECD 404)

Serious eye damage/irritation

Summary	Causes serious eye irritation. Rabbit Irritating. (OECD 405)

Respiratory sensitisation

Summary	Based on available data the classification criteria are not met. Guinea pig Not sensitising. (OECD 406)

Skin sensitisation

Summary	Based on available data the classification criteria are not met. Guinea pig Not sensitising. (OECD 406)

Germ cell mutagenicity

Summary	Based on available data the classification criteria are not met.
Genotoxicity - in vitro	This substance has no evidence of mutagenic properties.

Tradeweld Pipe Cement

Genotoxicity - in vivo	Micronucleus assay Mouse This substance has no evidence of mutagenic properties.

Carcinogenicity

Summary	No information available.

Reproductive toxicity

Summary	Based on available data the classification criteria are not met.
Reproductive toxicity - fertility	Rat This substance has no evidence of toxicity to reproduction. The classification is based upon information available for a similar product. 2-Butanol
Reproductive toxicity - development	Rat Inhalation This substance has no evidence of toxicity to reproduction.

Specific target organ toxicity - single exposure

Summary	May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

Summary	Based on available data the classification criteria are not met. NOAEC 5041 ppm, 90 days, Vapour Rat

Aspiration hazard

Summary	Based on available data the classification criteria are not met.

CYCLOHEXANONE

Toxicological effects	The toxicity of this substance has been assessed during REACH registration.

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	1,620.0
Species	Rat
ATE oral (mg/kg)	1,620.0

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	1,100.0
Species	Rabbit
ATE dermal (mg/kg)	1,100.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC_{50} vapours mg/l)	11.0
Species	Rat
ATE inhalation (vapours mg/l)	11.0

BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE (EPOXY RESIN)

Acute toxicity - oral

Tradeweld Pipe Cement

Acute toxicity oral (LD_{50} mg/kg)	11,400.0
Species	Rat
ATE oral (mg/kg)	11,400.0

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	2,000.0
Species	Rat

SECTION 12: Ecological information

12.1. Toxicity

Toxicity The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

Ecological information on ingredients.

BUTANONE

Toxicity	Not considered toxic to fish. However, large or frequent spills may have hazardous effects on the environment.

Acute aquatic toxicity

Acute toxicity - fish	LC50, 96 hours: 2993 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 308 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC_{50}, 96 hours: 2029 mg/l, Pseudokirchneriella subcapitata

CYCLOHEXANONE

Acute aquatic toxicity

Acute toxicity - fish	LC_{50}, 96 hours: ~500 mg/l, Pimephales promelas (Fat-head Minnow)

BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE (EPOXY RESIN)

Acute aquatic toxicity

Acute toxicity - fish	LC_{50}, 96 hours: 1.3 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 2.1 mg/l, Daphnia magna NOEC, 21 days: 0.3 mg/l, Daphnia magna
Acute toxicity - aquatic plants	LC_{50}, 72 hours: >11 mg/l, Algae

12.2. Persistence and degradability

Persistence and degradability Biodegradable in part only.

Ecological information on ingredients.

BUTANONE

Tradeweld Pipe Cement

Persistence and degradability The substance is readily biodegradable.

Biodegradation Water - Degradation 98%: 28 days

CYCLOHEXANONE

Persistence and degradability The degradability of the product is not known.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not available.

Ecological information on ingredients.

BUTANONE

Bioaccumulative potential The product is not bioaccumulating.

Partition coefficient log Pow 0.3 @ 40°C

CYCLOHEXANONE

Bioaccumulative potential No data available on bioaccumulation.

BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE (EPOXY RESIN)

Bioaccumulative potential BCF: 3 - 31 31.00,

Partition coefficient log Pow: 2.64 - 3.78

12.4. Mobility in soil

Mobility No data available.

Ecological information on ingredients.

BUTANONE

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

CYCLOHEXANONE

Mobility No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not identified as a PBT substance.

Ecological information on ingredients.

BUTANONE

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

CYCLOHEXANONE

Tradeweld Pipe Cement

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

12.6. Other adverse effects

Other adverse effects Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Arrange disposal with a licensed waste disposal company. Incineration under approved, controlled conditions using incinerators suitable or designed for the disposal of hazardous chemical wastes, is preferred method of disposal.

Waste class Solvent Based Adhesive Waste (Non-Halogented): 08 04 09*

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1133

UN No. (IMDG) 1133

UN No. (ICAO) 1133

UN No. (ADN) 1133

14.2. UN proper shipping name

Proper shipping name (ADR/RID) ADHESIVES

Proper shipping name (IMDG) ADHESIVES

Proper shipping name (ICAO) ADHESIVES

Proper shipping name (ADN) ADHESIVES

14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID classification code F1

ADR/RID label 3

IMDG class 3

ICAO class/division 3

ADN class 3

Transport labels

14.4. Packing group

ADR/RID packing group II

IMDG packing group II

Tradeweld Pipe Cement

ICAO packing group	II
ADN packing group	II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

EmS	F-E, S-D
ADR transport category	2
Emergency Action Code	•3YE
Hazard Identification Number (ADR/RID)	33
Tunnel restriction code	(D/E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

SECTION 15: Regulatory information

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

National regulations	The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (SI 2020 No. 1577) (as amended).
Guidance	Workplace Exposure Limits EH40.
Authorisations (SI 2020 No. 1577 Annex XIV)	No specific authorisations are known for this product.
Restrictions (SI 2020 No. 1577 Annex XVII)	No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Classification procedures according to SI 2019 No. 720	Flam. Liq. 2 - H225: Weight of evidence. Eye Dam. 1 - H318, STOT SE 3 - H336: Calculation method.
Issued by	Technical Department
Revision date	06/01/2022
Revision	4.1
Supersedes date	26/07/2019
SDS number	22830

Tradeweld Pipe Cement

Hazard statements in full

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.
H351 Suspected of causing cancer.
H373 May cause damage to organs (Kidneys, Blood, Liver) through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.
EUH208 Contains BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE (EPOXY RESIN). May produce an allergic reaction.