



Hydraulic Line Sealer Material Safety Data Sheet

Revision date 15.01.16

1 Identification of the substance/preparation and of the company/undertaking

Product name: MultiFix Hydraulic Line Sealer

Supplier:

Eurobond Retail Adhesives Limited
Bonham Drive, Eurolink Industrial Estate
Sittingbourne, Kent ME10 3RY
Tel: 01795 427 888
Email: enquiries@eurobond-adhesives.co.uk
Website: www.multifixadhesive.com

Information in case of emergency:
01795 427 888 (Office hours only)

2 Hazard identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT SE 3 - H335

Environmental hazards

Not Classified

2.2. Label elements

Pictogram



Signal word Warning

Hazard statements

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

maleic acid <1%

CAS number: 110-16-7 EC number: 203-742-5

Classification Classification (67/548/EEC or 1999/45/EC)

Acute Tox. 4 - H302

Eye Irrit. 2 - H319

STOT SE 3 - H335

Skin Irrit. 2 - H315

Skin Sens. 1 - H317

1-Acetyl-2-phenylhydrazine <1%

CAS number: 114-83-0 EC number: —

Classification Classification (67/548/EEC or 1999/45/EC)

Acute Tox. 3 - H301

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

Skin Sens. 1 - H317

STOT SE 3 - H335

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

4 First aid measures

4.1. Description of first aid measures

Inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if symptoms are severe or persist.

Ingestion

Do not induce vomiting. Give plenty of water to drink. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues. Remove contaminated clothing.

Eye contact

Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

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

Skin contact

Prolonged skin contact may cause redness and irritation.

Eye contact

Conjunctivitis, irritation, tearing.

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

Specific treatments

Treat symptomatically.

5 Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish.

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

In case of fire: Toxic gases or vapours.

Hazardous combustion products

Toxic gases or vapours.

5.3. Advice for firefighters**Protective actions during firefighting**

Containers close to fire should be removed or cooled with water.

Special protective equipment for firefighters

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

6 Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions**

Provide adequate ventilation.

6.2. Environmental precautions**Environmental precautions**

Avoid discharge into drains or watercourses or onto the ground. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up**Methods for cleaning up**

Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections**Reference to other sections**

For personal protection, see Section 8. For waste disposal, see Section 13.

7 Handling and storage**7.1. Precautions for safe handling****Usage precautions**

Use only in well-ventilated areas. Avoid contact with eyes and prolonged skin contact. Do not eat, drink or smoke when using this product. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities**Storage precautions**

Store at temperatures not exceeding 38°C. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from sunlight. Do not use containers made of the following materials: Aluminium. Mild steel. Copper. Rusty Steel. Tin.

7.3 Specific end use(s)**Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

8: Exposure Controls/personal protection**8.1. Control parameters****8.2. Exposure controls****Eye/face protection**

Wear eye protection

Hand protection

Wear protective gloves made of the following material: Polyethylene. Neoprene. Nitrile rubber. Do NOT use Polyvinyl chloride (PVC). Rubber (natural, latex).

Other skin and body protection

Wear apron or protective clothing in case of contact.

Hygiene measures

Provide eyewash station.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

9 Physical and Chemical Properties**9.1. Information on basic physical and chemical properties****Appearance**

Liquid.

Colour

Brown.

Odour

Sweetish.

Odour threshold

No information available.

pH

pH (concentrated solution): -3-6

Melting point

Not applicable.

Initial boiling point and range

Not applicable.

Flash point

> 100°C

Upper/lower flammability or explosive limits

Not applicable.

Vapour pressure

-0.1 mm Hg @ 20°C

Vapour density

Not applicable.

Solubility(ies)

Miscible with the following materials: Organic solvents. Slightly soluble in water.

Partition coefficient

No information available.

Decomposition Temperature**9.2. Other information****Other information**

No information required

10 Stability and reactivity

10.1. Reactivity

See the other subsections of this section for further details.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions

Under normal conditions of storage and use, no hazardous reactions will occur.

10.4. Conditions to avoid

Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid

Avoid contact with the following materials: Aluminium. Mild Steel Rusty Steel Copper Tin

10.6. Hazardous decomposition products

In case of fire gases can be released Carbon dioxide (CO₂).

11 Toxicological information

11.1. Information on toxicological effects

Toxicological effects

No information available.

Acute toxicity - oral

ATE oral (mg/kg)

12,946.03018648

Acute toxicity - dermal

ATE dermal (mg/kg)

110000.0

Acute toxicity - inhalation

ATE inhalation (vapours mg/l)

300.0

Inhalation

May cause respiratory system irritation.

Ingestion

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

Skin contact

Irritating to skin.

12: Ecological Information

Ecotoxicity

No data on possible environmental effects have been found.

12.1. Toxicity

12.2. Persistence and degradability**Persistence and degradability**

The product is more than 80% biodegradable.

12.3. Bioaccumulative potential

Low

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

No information available.

12.4. Mobility in soil**Mobility**

The product has poor water-solubility.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Not available.

13: Disposal considerations**13.1. Waste treatment methods****General information**

Dispose of waste product or used containers in accordance with local regulations

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Waste class

08 04 09

14 Transport information**General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards**Environmentally hazardous substance/marine pollutant**

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

15 Regulatory information

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

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18 December 2006 concerning the Registration, evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

16 Other information

Revision date 06.10.14

Hazard statements in full

H242 Heating may cause a fire.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

Disclaimer

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.

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