



Safety Data Sheet

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

1.1. Product Identifier

Product Name: M Tred HB

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

Use of Substance /Mixture: Restricted to professional users.
Component of a Two Pack Epoxy Flooring Coating

1.3. Details of the supplier of the safety data sheet

Company Name: Muralplast
11 Invicta Business Park
London Road
Wrotham
Kent
TN15 7RJ

1.4. Emergency Telephone number

Emergency Tel: 01732 884 022

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Product definition: Mixture

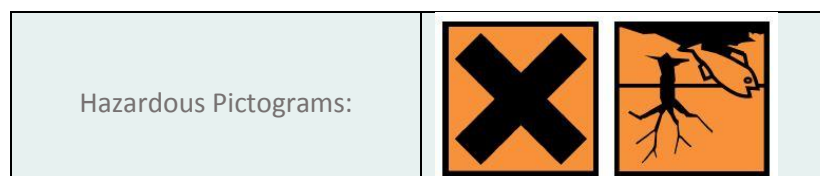
Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]:

Classification According to Directive 1999/45/EC [DPD]: Xn; R62-63 Xi; R36/38-43 N; R51/53

Symbols: Xn: Harmful. N: Dangerous for the environment.

Human health hazards: Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Possible risk of impaired fertility. Possible risk of harm to the unborn child.

2.2. Label elements



Risk Phrases:

R36/38 - Irritating to eyes and skin.

R43 - May cause sensitisation by skin contact.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic Environment.



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R62 - Possible risk of impaired fertility.

R63 - Possible risk of harm to the unborn child.

Safety Phrases:

S24 - Avoid contact with skin.

S29 - Do not empty into drains.

S37 - Wear suitable gloves

2.3. Other hazards

No Data Available.

Section 3: Composition/information on ingredients

Substance/Mixture: Mixture

Composition: Component of a Two Pack Epoxy Flooring Coating.

Mixture composition breakdown: 67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS Nol.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Bisphenol A- (epichlorhydrin) (reaction product)	603-074-00-8	25068-38-6	500-033-5		50-60%	Xi R36/38 R43 Ni R51/53
Bisphenol F – epichlorohydrin resin with Number Average Molecular Weight <700		9003-36-5			10-20%	
C13/C15- Alkylglycidlether		68081-84-5	268-358-2		1-10%	
Nonylphenol	601-053-00-8	25154-52-3	246-672-0		1-10%	Repr. Cat. 3; R62- 63 Xn; R22 C; R34 N; R50/53



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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.

Eye contact: Flush immediately eye thoroughly with clean water. Consult a physician immediately if irritation persists.

Ingestion: Do not induce the patient to vomit, medical advice is required.

Inhalation: Move the exposed person to fresh air.

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

Inhalation: Move the exposed person to fresh air.

Eye contact: Irritating to eyes.

Skin contact: Irritating to skin

Ingestion: Do not induce vomiting.

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

Inhalation: Seek medical attention if irritation or symptoms persist.

Eye contact: Seek medical attention if irritation or symptoms persist.

Skin contact: Seek medical attention if irritation or symptoms persist.

Ingestion Seek: medical attention if irritation or symptoms persist.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Carbon dioxide (CO₂). Foam. Water spray, fog or mist.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Fire will produce dense black smoke

5.3. Advice for fire-fighters

Wear suitable respiratory equipment when necessary. Protective equipment.



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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Isolate area. Keep unnecessary and unprotected personnel from entering the area. Use appropriate safety equipment.

Personal precautions:

Protective Equipment:

Emergency Procedures:

6.2. Environmental precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material.

6.4. Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

Section 7: Handling and storage

7.1. Precautions for safe handling

Avoid prolonged skin contact. After contact with skin, wash immediately with plenty of water and soap.

7.2. Conditions for safe storage, including any incompatibilities

Store in original container.

7.3. Specific end use(s)

Avoid contact with skin.

Section 8: Exposure controls/personal protection

8.1. Control parameters: Are listed on the following items according to where it is going to be used.

Workplace exposure limits:

Recommended monitoring procedure:

DNEL/PNEC Values: No data available.

8.2. Exposure controls:



Appropriate Engineering Controls: Ensure adequate ventilation of the working area.
 Hand protection: Wear suitable gloves.
 Eye protection: safety glasses with side-shields.
 Skin protection: Wear suitable protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Various
Odour	Mild
pH	No data available
Melting Point	No data available
Freezing Point	No data available
Boiling Point	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability Limits	No data available
Vapour Flammability	No data available
Vapour Pressure	No data available
Vapour Density	No data available
Relative Density	No data available
Fat Solubility	No data available
Partition Coefficient	No data available
Auto ignition temperature	No data available
Viscosity	No data available
Explosive	No data available
Oxidising	No data available
Solubility	No data available

9.2. Other information

Other information: No data available.



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Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: No Data available

10.2. Chemical stability

Chemical stability: This product is stable if stored and handled as prescribed/indicated.

10.3. Possibility of hazardous reactions

Hazardous reactions: No data is available on this product.

10.4. Conditions to avoid

Conditions to avoid: Avoid temperatures above 300°C. Potentially violent decomposition can occur above 350°C. Generation of gas during decomposition can cause pressure in closed systems. Pressure build-up can be rapid.

10.5. Incompatible materials

Materials to avoid: Acids. Bases. Oxidising agents.

10.6. Hazardous decomposition products

Hazardous Decomposition Products: No data is available on this product.

Section 11: Toxicological information

11.1. Information on toxicological effects

No data available

11.1.4. Toxicological Information

No data available

Section 12: Ecological information

12.1. Toxicity

No data is available on this product.

12.2. Persistence and degradability

No data is available on this product.



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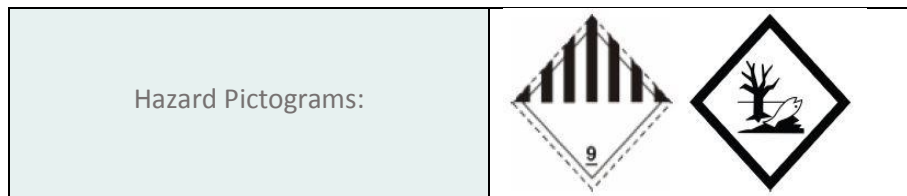
- 12.3. Bioaccumulative potential
No data is available on this product.
- 12.4. Mobility in soil
No data is available on this product.
- 12.5. Results of PBT and vPvB assessment
No data is available on this product.
- 12.6. Other adverse effects
No data is available on this product

Section 13: Disposal considerations

- 13.1.
This product, when being disposed of in its unused and uncontaminated state should be treated as a hazardous waste according to EC Directive 91/869/EEC. Any disposal practices must be in compliance with all national and provincial laws and any municipal or local by-laws governing hazardous waste. For used, contaminated and residue materials additional evaluations may be required. Do not dump into any sewers, on the ground, or into any body of water.

Attention should be drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information



- 14.1. UN number
UN3082
- 14.2. UN proper shipping name
Environmentally Hazardous Substance, Liquid, N.O.S.



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14.3. Transport hazard class(es)

ADR/RID	9
Subsidiary Risk	-
IMDG	9
Subsidiary Risk	-
IATA	9
Subsidiary Risk	-

14.4. Packing group

Packing group III

14.5. Environmental hazards

Environmental hazards: Yes

Marine pollutant: Yes

14.6. Special precautions for user

Use in conjunction with Manufacturers recommended guidelines.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available.

ADR/RID	
Hazard ID	90
Tunnel Category	(E)
IMDG	
EmS Code	F-A-S-F
IATA	
Packing Instruction (Cargo)	964
Maximum Quantity	450 L
Packing Instruction (Passenger)	964
Maximum Quantity	450 L



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Section 15: Regulatory information

"COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on 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 and 2000/21/EC".

"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 and 2000/21/EC".

15.2. Chemical Safety Assessment:

For advice on essential measures see sections 7 and 8 of this safety data sheet.

Section 16: Other information

16.1. Other information

Text of risk phrases in Section 3

R22 - Harmful if swallowed.

R34 - Causes burns.

R36/38 - Irritating to eyes and skin.

R43 - May cause sensitisation by skin contact.

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R62 - Possible risk of impaired fertility.

R63 - Possible risk of harm to the unborn child.

Maximum content of VOC 500

This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy.



Safety Data Sheet

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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