

Health and Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Brand Name: Marldon MXS 140 – Two-Part Rapid DPM – Part 1

Approved Use: Damp Proof Membrane for Sealing Floors.

Last Updated: 01/08/2013

SUPPLIER: Havwoods Accessories Ltd
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition:

EH40 components:

Name	CAS No	Concentration	Classification
Epoxy Resin	25068-38-6	30 – 60%	Xi, R36/38, R43 N, R51/53
Oxirane Mono ((C12-14 Alkyloxy) methyl) derivatives	68609-97-2	10 – 30%	Xi, R38, R43
Polypropyleneglycol diepoxide resin	41638-13-5	5 – 10%	Xi, R36/38, R43, R52/53

3. HAZARDS IDENTIFICATION

May cause sensitisation by skin contact

Irritating to skin and eyes

Toxic to aquatic organisms, may cause long-term effects in the aquatic environment.

4. FIRST AID MEASURES

General: This product may cause irritation to skin and eyes and the possibly cause sensitisation to future exposure to products of this type. It is advisable to use in well-ventilated areas and to avoid contact with skin or eyes, any skin contact can be removed with warm soapy water.

Inhalation: Move patient into fresh air and keep warm. Obtain prompt medical advice.

Skin contact: Remove contaminated clothing and promptly wash any contact areas with soap and water. Seek medical attention if discomfort continues.

Eye contact: Remove contact lenses if appropriate, promptly rinse thoroughly with water for 15 minutes whilst lifting the eyelids and seek medical attention.

Ingestion: Immediately rinse out mouth and provide fresh air. Do not induce vomiting. Seek medical advice immediately.

5. FIRE-FIGHTING MEASURES

Fire Risk: This product is not readily flammable.

Preferred fire-fighting medium: Water, foam or powder.

Unsuitable fire-fighting medium: None.

Special risks caused by the product in a fire situation: This product is not readily flammable but may create carbon monoxide, carbon dioxide if involved in a fire.

Additional information: None.

6. ACCIDENTAL RELEASE MEASURES

Spillage: Small spillages should be absorbed onto inert material and disposed of in accordance with environmental regulations.

Environment: Prevent entry into drains, watercourses or sewers.
If product enters drains, watercourses or sewers inform the environment agency immediately.

Clean-up: Absorb onto inert material.
Collect in suitable drums and dispose of as indicated in section 13.

7. HANDLING AND STORAGE

Handling & use: Persons who are known to experience allergic reactions to epoxy resin systems should not use this product. Use good handling methods and use in a well-ventilated place. Avoid skin and eye contact.

Storage: Store in tightly sealed supplier's original labelled packages in a cool dry place away from direct sunlight.

Additional information: Store away from foodstuffs and other sensitive materials.
Read the information on the label before use.

8. EXPOSURE CONTROLS

General: Always use with good ventilation.

Name: Epoxy resin, CAS 25068-38-6.

WEL value: WEL values have not been set for this product.

Personal protection: Use good safe handling practices for chemicals.
Use in well ventilated areas. Avoid inhalation of vapours, if insufficient ventilation wear a suitable respirator.
Avoid contact with skin – wear suitable gloves.
Avoid contact with eyes - wear suitable eye protection.
Wear suitable clothing to prevent any possibility of contact with the product and repeated or prolonged contact with the product vapours.

General: The precautions required when using this product are associated with the irritant and sensitisation effects resulting from skin or eye contact with the product, personal protective equipment should be worn when using this product.
Good ventilation should be provided when using this product.
If the product is to be applied by spray then forced ventilation is advised.
Do not eat, drink or smoke whilst using this product, wash hands after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odour:	Thick beige coloured paste with a characteristic odour.	
Safety data:	Boiling range	>200°C
	Flash point	>200°C
	Ignition temperature	Not applicable
	Explosive limits	Not applicable
	Specific gravity	1.15 g/cc
	Viscosity	2400 cps @ 25°C
	Water solubility	Immiscible with water.
	VOC content	Nil

10. STABILITY AND REACTIVITY

Conditions to avoid:	Stable under recommendations for storage and use see sections 6 and 7. Avoid excessive heat for prolonged periods.
Materials to avoid:	None.
Decomposition products:	In a fire it is likely that carbon monoxide and carbon dioxide will be created.

11. TOXICOLOGICAL INFORMATION

Skin contact:	Irritating to skin
Eye contact	Irritating to eyes

12. ECOLOGICAL INFORMATION

This product is classified as dangerous for the environment and degrades very slowly in the natural environment.

Bioaccumulation:	Medium potential for bioaccumulation
Degradability:	Rapid hydrolysis in soil or water followed by slow biodegradation
Acute fish toxicity:	Highly toxic to aquatic organisms

13. DISPOSAL CONSIDERATIONS

Waste material items contaminated with material and empty uncleaned packages are classified as hazardous waste and should be disposed of in accordance with National Environmental Regulations.

Hazard classification: H4, H14

EU waste code number: 08 04 09

14. TRANSPORT INFORMATION

This material is classified as dangerous goods for transport by road and sea.

UN number: UN 3082
Proper shipping name: Environmentally hazardous substance, liquid nos (Contains epoxy resin)
Class: 9
Packing group: III

15. REGULATORY INFORMATION

Classification for CHIP purposes

Hazard symbols: Xi, Irritant
N, Dangerous for the environment

Contains: Epoxy resin, Oxirane, mono ((c12-24 Alkyloxy) methyl) derivatives and Propylene glycol, diepoxide resin

Risk phrases:

R43 May cause sensitisation by skin contact
R36/38 Irritating to skin and eyes
R51/53 Toxic to aquatic organisms, may cause long-term effects in the aquatic environment.

Safety phrases

P5 Contains epoxy constituents. See information supplied by the manufacturer
S24/25 Avoid contact with skin and eyes
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.
S26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves

16. OTHER INFORMATION

Limitation on use: Use only as instructed for the purpose intended by the manufacturer.

Risk phrases in full.

R36/38 Irritating to skin and eyes
R38 Irritating to skin
R43 May cause sensitisation by skin contact
R51/53 Toxic to aquatic organisms, may cause long-term effects in the aquatic environment
R52/53 Harmful to aquatic organism, may cause long-term effects in the aquatic environment.

This data sheet is prepared by Marldon Accessories in accordance with CHIP Regulations.

The information contained in this safety data sheet does not constitute the users own assessment of workplace risk as required by other health and safety legislation. The provisions of the Health and Safety at Work Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product in the workplace.

This product should not be used for purposes other than those for which it is designed. The information contained in this safety data sheet is based on present knowledge and current national legislation and meets the requirements of the Chemicals (Hazard Information and Packaging) Regulations. It provides guidance on health, safety and environmental aspects of the product and should not be construed as a guarantee of technical performance or suitability for particular applications.