

Safety Data Sheet

in accordance with 1907/2006/EC



PRODUCT: Marldon MXS 160 – Epoxy Primer for Porous Substrates – Part B

Version 3

Revision date: 1st October 2022

Replaces: version dated 31st August 2017

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier:

Trade Name: Marldon MXS 160 Epoxy Primer for Porous Substrates - Part B

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

No further relevant information available.

Application of the substance / the mixture - poxy curing agent, Primer / Subcoating,

1.3 Details of the supplier of the safety data sheet.

SUPPLIER: Marldon

172 Brierley Road

Walton Summit Centre

Preston, PR5 8AH

Website: www.marldonuk.com / Email: info@marldonuk.com

1.4 Emergency telephone number: 7.30am – 4.30pm Monday to Friday

Phone: 01772 696600.

Fax: 01772 647397

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture. Classification according to Regulation (EC) No 1272/2008

Eye Dam. 1 H318 Causes serious eye damage.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 .

The product is classified and labelled according to the CLP regulation.

Hazard pictogram



GHS05

Signal word: Danger

Contains: Linseed oil, polymer with bis-A, bis-A diglycidyl ether, diethylenetriamine, formaldehyde, glycidyl Ph ether, pentaethylenehexamine

Hazard statements: H318 Causes serious eye damage.

Precautionary statements

P280 Wear protective gloves / eye protection/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.

P315 Get immediate medical advice/attention.

Supplemental information:

EUH208 Contains pentaethylenehexamine, 3,6,9-triazaundecamethylenediamine, 2,2'-iminodiethylamine. May produce an allergic reaction.

2.2 Other hazards Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable.

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3 COMPOSITION/INFORMATION ON INGREDIENTS*

3.1 Chemical characterization: Mixtures

Description: Mixture of substances listed below with non-hazardous additions

Dangerous components:		
CAS: 68915-81-1	Linseed oil, polymer with bis-A, bis-A diglycidyl ether, diethylenetriamine, formaldehyde, glycidyl Ph ether, pentaethylenehexamine	5- <10%
	Eye Dam. 1, H318; Skin Irrit. 2, H315	
CAS: 4067-16-7 EINECS: 223-775-9 Reg.nr.: 01-219485826-22-xxxx	Pentaethylenehexamine	0.1->1%
	Skin Corr. IB, H314; Aquatic Acute 1, H400, Aquatic Chronic 1, H410; Skin Sens 1, H317	
CAS: 112-57-2 EINECS: 203-986-2 Reg.nr.: 01-2119487290-3-xxxx	3,6,9-triazaundecamethylenediamine	0.1->1%
	Skin Corr. IB, HB314; Aquatic Acute 2, H411, Acute Tox 4, H302, Acute Tox 4, H410; Skin Sens 1, H317	

Additional information:

For the wording of the listed hazard phrases refer to section 16

4 FIRST AID MEASURES

4.1 Description of first aid measures

After inhalation:

Supply fresh air; consult doctor in case of complaints.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Rinse out mouth and then drink plenty of water. Seek immediate medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Risk of serious damage to eyes.

Information for doctor: No further relevant information available.

Hazards No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

Carbon monoxide (CO)

Nitrogen oxides (NO_x)

5.3 Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Avoid contact with the eyes and skin.

Information about fire - and explosion protection: The product is not flammable.

7.2. Conditions for safe storage, including any incompatibilities

Storage: Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

Information about storage in one common storage facility: Protect from heat and direct sunlight.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles. Protect from frost.

Storage temperature: +10 °C to +35 °C

7.3 Specific end use(s) No further relevant information available.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Respiratory protection: Not necessary if room is well-ventilated.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves

Nitrile rubber, NBR

PVC or PE gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Tightly sealed goggles

Body protection: Protective work clothing.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General Information:

Form	Liquid
Colour:	Amber coloured
Odour:	Ammonia like
pH-value	7
Initial boiling point/ boiling range:	100° C
Flash point:	>100° C
Explosive properties	Product does not present and explosion hazard
Density at 20°C	1.01 g/cm ³
Solubility in / Miscibility with water	Fully miscible

9.2 Other information: No further relevant information available.

10 STABILITY AND REACTIVITY

10.1 Reactivity Stable

10.2 Chemical stability Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions. Reacts with acids, alkalis and oxidising agents.

10.4 Conditions to avoid. No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: Nitrogen oxides, Carbon monoxide

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

Primary irritant effect:

Skin corrosion/irritation: Slight irritation possible.

Serious eye damage/irritation: Causes serious eye damage.

Respiratory or skin sensitisation

Sensitising effect by skin contact is possible by prolonged exposure.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

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

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.

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12 ECOLOGICAL INFORMATION

12.1 Toxicity: Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability. No further relevant information available.

12.3 Bio accumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information: The product contains materials that are harmful to the environment.
Do not allow undiluted product or large quantities to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects None known.

13 DISPOSABLE CONSIDERATIONS

13.1 Waste treatment methods

Recommendation:

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to official regulations.

Cured product can be deposited together with domestic waste.

Observe the specific related regulations of local authorities.

Waste disposal key: UK (WM3) : n/a

European Waste catalogue	
08 01 15*	aqueous sludges containing paint or varnish containing organic solvents or other hazardous substances

Recommendation:

Dispose of packaging according to regulations on the disposal of packagings.

Empty contaminated packagings thoroughly.

They may be recycled after thorough and proper cleaning.

Recommended cleansing agents: Water, if necessary together with cleansing agents

14 TRANSPORT INFORMATION

14.1 UN Number ADR, ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR, IMDG, IATA	Void
14.3 Transport hazard class (es) ADR, AND, IMDG, ITATA Class	Not regulated for transport
14.4 Packing group ADR, ADN, IMDG, ITATA	Not regulated for transport
14.5 Environmental Hazards: Marine pollutant	No
14.6 Special precautions for user	Not applicable
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	Not applicable
UN "Model Regulation":	Void

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15 REGULATORY INFORMATION

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

"CLP" Regulation (EC) No 1272/2008 (OJ L 353, 31.12.2008, p.1).

"REACH" Regulation (EC) No 1907/2006 (OJ L 396, 30.12.2006, p.1, with subsequent amendments).

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

HSE EH40/2005 Workplace Exposure Limits (as amended)

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3 ·

National regulations:

The labeling of the product according to EC directives 67/548/EEC, 1999/45/EC, see section 2.

Classification and labeling of substances under Directive 67/548/EC, 1999/45/EC, see section 3.

Classification and labeling of substances according to Regulation (EC) 1272/2008 (CLP) is in section 3.

Safety data sheet is designed according to EU Commission Regulation No. 1907/2006.

15.2. Chemical Safety Assessment

Chemical safety assessment performed: No

16 OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H226 Flammable liquid and vapour.

H290 May be corrosive to metals.

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.

H330 Fatal if inhaled.

H335 May cause respiratory irritation. H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment – long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment – long-term aquatic hazard – Category 2