

Safety Data Sheet

in accordance with 1907/2006/EC

**PRODUCT:**

Marldon MXL 560 - Ceruno

Version 2

Date: 1st October 2022

Replaces: 1st June 2015

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

1.1 Product Identifier

Trade Name: Marldon Professional Floor Lacquer

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 Primer / Sub coating

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

2.2. Label elements

Composition on the label Dpropylenglycolmonomethylether: 5 - 10 % Supplemental label information

EUH208: Contains 1,2-benzisothiazol-3(2H)-one [EC no. 220-120-9]. May produce an allergic reaction.

Safety data sheet available on request.

2.3 Other hazards

When spray applying see section 8.

3. COMPOSITION/INFORMATION ON INGREDIENTS*

3.1 Mixtures

Substance	Identification	Classification	Contents %
Dpropylenglycolmonomethylether	CAS No.: 34590-94-8 EC No.: 252-104-2 Registration No.: 02-2119666108-35-0000		5 -10 %

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4. FIRST AID MEASURES

4.1 Description of first aid measures

General information:

Get medical advice/attention if you feel unwell. Never give anything by mouth to an unconscious person.

After inhalation: Use with adequate ventilation.

After skin contact:

Remove/Take off immediately all contaminated clothing.

IF ON SKIN: Wash with plenty of soap and water. Do NOT use solvents or thinners.

After eye contact:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses.

If present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell.

After swallowing:

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

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.

Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Fire and explosion hazards

Fire will produce dense black smoke. Decomposition products can be hazardous.

At high temperatures create: Carbon Monoxide (CO), Carbon Dioxide (CO₂), smoke, nitrogen gases (NO_x)

5.3 Advice for firefighters

Protective equipment: Wear respiratory protection.

Other information

Eliminate all ignition sources if safe to do so. Do not run-off from firefighting to enter drains or water courses

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

General measures: See section 7 and 8.

Personal protection measures: In case of inadequate ventilation wear respiratory protection.

Wear fire / flame resistant / retardant clothing. Use personal protective equipment as required.

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Wear cold insulating gloves / face shield / eye protection.
Wear protective gloves / protective clothing / eye protection / face protection.
Avoid breathing dust / fume / gas / mist / vapours / spray.
If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Get medical advice/attention if you feel unwell.

6.2 Environmental precautions:

Environmental precautionary measures:

Collect spillage. Avoid release to the environment

If the product contaminates lakes, rivers or sewers, inform appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up:

Cleaning method:

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvents.

6.4 Reference to other sections

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with the eyes and skin. Avoid spilling, skin – and eye contact. Avoid breathing dust/ fume/ gas mist / vapours / spray. Avoid breathing dust.

Protective Safety Measures

Smoking, eating and drinking is forbidden in application area.

Remove contaminated clothing and protective gear before you get to an area where meals are taken.

Additional information: For personal protection see Section 8. Never use pressure to empty container.

Container is not a pressure vessel

7.2 Conditions for safe storage, including any incompatibilities

Storage: Store only in original container. Store in well ventilated place. Keep container tightly closed.

Keep cool. Protect from sunlight. Store in a dry place. Ensure that safety legislation laws are followed.

Condition to avoid: Keep away from heat / sparks/ open flames / hot surfaces. No smoking.

Protect from sunlight. Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

Prevent unauthorized access.

Conditions for safe storage: Storage temperature: Value 5 -25 °C

7.3 Specific end use(s)

Recommendations: Do not handle until all safely precautions have been read and understood.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure limit values

Substance Identification	Dpropylenglycolmonomethylether	
Identification	Value	TWA Year
CAS no.: 34590-94-8 EC no.: 252-104-2 Registration number: 02- 2119666108-35-0000	8-hour TWA: 50 ppm AFS 2011:18. Absorbed through the skin 8-hour TWA: 300 mg/m3 AFS 2011:18. Absorbed through the skin 15 min.: 75 ppm AFS 2011:18. Absorbed through the skin 15 min.: 450 mg/m3 AFS 2011:18. Absorbed through the skin	

Substance: Dpropylenglycolmonomethylether

Technical measures to prevent exposure

Airborne gas and dust concentrations should be kept to a minimum and under the existing limits (see above). Possibly use an exhaust in case the air in the work room is not enough. Provide clearly visible signs of eye shower and emergency showers.

Recommended type of equipment: A Class 1 (low capacity), brown skin-/handed protection,

Long term contact: see the manufacturers instruction

Suitable glove type: Nitrile

Eye protection: At the risk of splashing, close-fitting goggles or face shield.

Specific hygiene measures: The exposed are of the body should be washed at every pause when use the product, and after work. Always wash hands, forearms and face.

Environmental exposure controls: No special requirements.

Exposure control comments: Professionals are covered by safety legislation on maximum concentration of exposure.

8.2 Exposure controls

Precautionary measures to prevent exposure.

Appropriate engineering controls. Use with adequate ventilation. If possible this should be achieved by local extraction and good exhaust ventilation. If these are sufficient to maintain concentrations of the OEL, suitable respiratory equipment.

Respiratory protection: Respiratory protection with gas filter (brown A) must be used if air concentration exceeds acceptable level (OEL).

Mask type: When spraying, use half – or full face mask with filter P2 (Ib) to spray

Protection of hands: Protective gloves: wear cold insulating gloves/ face shield/ eye protection.

Skin -/hand protection, long term contact: For prolonged or repeated use gloves made of butyl rubber.

Suitable materials: Barrier creams may help to protect the skin, but they should however not be used once exposure has occurred..

Eye/ face protection: Wear cold insulating gloves/ face shield / eye protection.

Skin protection (except hands): Wear fire/ flame resistant / retardant clothing.

Exposure controls – safety measures for consumer uses of the chemical: Read label before use.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General Information:

Physical state:	Liquid
Odour:	Weak
Colour limit:	Not applicable
pH (as supplied)	Not determined
pH (aqueous solution)	Not determined
Melting point / melting range	Not determined
Boiling point / boiling range	Not determined
Flash point	Not applicable
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Explosion limit	Not applicable
Vapour pressure	Not determined
Vapour density	Not determined
Specific gravity value:	1,05 gm/l
	Method of testing: CC-Gravity Cup
	Test temperature: 23°C
Solubility in water	Unlimited
Partition coefficient: noctanal/water	Not applicable
Viscosity	Not determined – does not affect the assessment
Explosive properties	Not explosive
Oxidising properties	Not oxidising

9.2 Other information:

Content of Voc: Value 90g/l

Comments: boiling point less than or equal to 250°C

10. STABILITY AND REACTIVITY

10.1 Reactivity:

Not reactive

10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7)

10.3 Possibility of hazardous reactions

Not dangerous if handled according to technical information.

10.4 Conditions to avoid:

Not applicable

10.5 Incompatible materials:

Materials to avoid Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reaction.

10.6 Hazardous decomposition products:

Hazardous decomposition products When exposed to high temperature may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

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11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological data for substances

Substance Dpropylenglycolmonomethylether

LD50 oral Value: 5,5 mL/kg

Animal test species: Rat

LD50 dermal. Value: 10 ml/kg

Animal test species: Rabbit

Comments

Neurotoxic effects: This product contains solvents, which can have an effect on the nervous system.

Symptoms of neurotoxicity may include: loss of appetite, headache, dizziness, ringing in the ears, tingling sensation of the skin, cold sensitivity, seizures, difficulty concentrating, tiredness, etc.. Repeated exposure to solvents can result in the degradation of the skin's natural layer of fat. The skin is then exposed to uptake of harmful substances, such as allergens.

Potential acute effects:

Inhalation: May cause drowsiness or dizziness. May cause respiratory irritation.

Skin contact: No information is available.

Eye contact: No information available.

Ingestion: Ingestion may cause nausea and vomiting.

Skin corrosion / irritation, other information - No information available.

Aspiration hazard, comments When applying see section 8.

Eye damage or irritation other info If splashed in the eyes, the liquid may cause irritation and reversible damage.

Delayed effects / repeated exposure

General respiratory or skin Sensitization: Prolonged or repeated contact may defat the skin, resulting in non-allergic contact eczema and absorption through the skin.

STOT-single exposure No information available.

STOT-repeated exposure No information available.

Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity human experience No information is available.

Germ Cell Mutagenicity, human experience No information available.

Reproductive toxicity No information available.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Acute aquatic, fish, Comments Not expected to be toxic to aquatic life.

Toxicological data for substances

12.2. Persistence and degradability

Persistence and degradability description Not determined.

12.3. Bioaccumulative potential

Bioaccumulative potential Not determined.

12.4. Mobility in soil

Mobility Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT assessment results Not classified as PBT / vPvB of current EU criteria.

12.6. Other adverse effects Other adverse effects / Remarks None known.

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13. DISPOSABLE CONSIDERATIONS

13.1 Waste treatment methods

Recommendation

Avoid release to the environment. Collect spillage.

Wastes and empty containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

Product not classified as hazardous waste

European waste catalogue

EWC waste code EWC: 08 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS, National waste code: 01, National waste group 12

14. TRANSPORT INFORMATION

14.1 UN-Number

ADR, ADN, IMDG, IATA: Not regulated for transport

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA: Not regulated for transport

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA: Not regulated for transport

14.4 Packaging group

ADR, ADN, IMDG, IATA: Not regulated for transport

14.5 Environmental hazards

ADR, ADN, IMDG, IATA: Not regulated for transport

14.6 Special precautions for user

ADR, ADN, IMDG, IATA: Not regulated for transport

14.7 Transport in bulk according to Annex 11 of MARPOL73/78 and the IBC Code "UN Model Regulation"

Not regulated for transport

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15 REGULATORY INFORMATION

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

Legislation and 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.

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

This data sheet is prepared by Marldon Accessories in accordance with 1907/2006/EC

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.