

Safety Data Sheet

in accordance with 1907/2006/EC

Marldon MXA 200 - Wood Flooring Adhesive



Version 5

Revision date: 18th July 2017

Replaces: version dated 11th May 2017

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

- **1.1 Product identifier:**

Trade Name: Marldon MXA 200 Wood Flooring Adhesive 10lt

- **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**

Adhesive for use in the installation of wood flooring

- **1.3 Details of the supplier of the safety data sheet**

SUPPLIER: Haywoods Accessories
172 Brierley Road
Walton Summit Centre
Preston
PR5 8AH

- **1.4 Emergency telephone number** 7am - 5pm Monday to Friday

Phone: 01772 647389

Fax: 01772 647397

2. HAZARDS IDENTIFICATION

- **2.1 Classification of the substance or mixture**

- **Classification according to Regulation (EC) No 1272/2008**

The product is not classified according to the CLP regulation.

- **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008** Void

- **Hazard pictograms** Void

- **Signal word** Void

- **Hazard statements** Void

- **Information concerning particular hazards for human and environment:** Fillers are encapsulated and not expected to be released from the product under normal conditions of use. There is a possibility that quartz dust may be created when sand-papering or grinding the dry, cured product.

- **2.3 Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

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3. COMPOSITION/INFORMATION ON INGREDIENTS*

· 3.2 Mixtures

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

· Dangerous components:		
CAS: 28553-12-0 EINECS: 249-079-5 Reg.nr.: 01-2119430798-28-xxxx	1,2-Benzenedicarboxylic acid, di-C8-10-branched alkylesters, C9-rich (DINP; di"isononyl"phthalate) substance with a Community workplace exposure limit	10- <20%

· **Additional information:**

While curing the following substances are formed and released by a reaction with atmospheric humidity:

Methanol (CAS 67-56-1)

Fillers are encapsulated within the liquid and therefore not expected to be released from the product under normal conditions of use.

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.

Do not induce vomiting; call for medical help immediately.

· **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· **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:

Use fire extinguishing methods suitable to surrounding conditions.

Water spray

Water haze

Fire-extinguishing powder

· 5.2 Special hazards arising from the substance or mixture

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

methanol

Carbon dioxide

Carbon monoxide (CO)

Nitrogen oxides (NO_x)

· 5.3 Advice for firefighters

· **Protective equipment:** Wear self-contained respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES

· 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

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.

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· **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.

Storage temperature: +5 °C to +25 °C

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

· 8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

28553-12-0 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich (DINP; di-“isononyl”phthalate

WEL Long-term value: 5 mg/m³

· **Additional Occupational Exposure Limit Values for possible hazards during processing:**

While curing the following substances are formed and released by a reaction with atmospheric humidity:

Methanol (CAS 67-56-1)

Fillers are encapsulated within the liquid and therefore not expected to be released from the product under normal conditions of use.

There is a possibility that quartz dust may be created when sand-papering or grinding the dry, cured product.

67-56-1 methanol

WEL	Short-term value: 333 mg/m ³ , 250 ppm Long-term value: 266 mg/m ³ , 200ppm Sk
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· **Additional information:**

The lists valid during the making were used as basis.

EH40/2005 Workplace Exposure Limits (2nd edition, 2011)

· 8.2 Exposure controls

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

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.

Ensure good ventilation/exhaustion at the workplace.

· **Protection of hands:**

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Protective gloves

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

· **Material of gloves**

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.1 mm

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 can not 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.

Recommendation:

For the mixture of chemicals mentioned below the penetration time has to be at least 30 minutes

(Permeation according to EN 374 Part 3: Level 2).

· **Eye protection:** Safety glasses

· **Body protection:** Protective work clothing

9. PHYSICAL AND CHEMICAL PROPERTIES*

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:

Pasty

Colour:

Light Brown

· **Odour:**

Characteristic

· **Initial boiling point and boiling range:**

Undetermined.

· **Flash point:**

> 200 °C

· **Explosive properties:**

Product does not present an explosion hazard.

· **Density at 20 °C:**

1.6 g/cm³

· **Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

· **Solvent content:**

VOC (EC)

0 g/l

GEV-EMICODE EC1

· **9.2 Other information** No further relevant information available.

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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.** No dangerous reactions known.
- **10.4 Conditions to avoid** Water / moisture.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
methanol
Carbon monoxide and carbon dioxide
Nitrogen oxides

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:** Slight irritation possible.
- **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
Fillers are encapsulated within the liquid and therefore not expected to be released from the product under normal conditions of use.
There is a possibility that quartz dust may be created when sand-papering or grinding the dry, cured product.
- **CMR effects (carcinogenicity, 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.

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 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**

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· **General notes:**

Do not allow undiluted product or large quantities of it 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** No further relevant information available

13. DISPOSAL CONSIDERATIONS

· **13.1 Waste treatment methods**

· **Recommendation** Disposal must be made according to official regulations.

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

· **European waste catalogue**

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

· **Uncleaned packaging:**

· **Recommendation:**

Packagings that may not be cleansed are to be disposed of in the same manner as the product. Non contaminated packagings may be recycled.

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**

· **Class** Not regulated for transport

· **14.4 Packing group**

· **ADR, IMDG, IATA** 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

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction 20, 52a

· National regulations:

· Additional classification according to Decree on Hazardous Materials, Annex II:

No further relevant information available.

· **Information about limitation of use:** No further relevant information available.

· Other regulations, limitations and prohibitive regulations

· **Substances of very high concern (SVHC) according to REACH, Article 57** Not applicable.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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.

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)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

* Data compared to the previous version altered