

Safety Data Sheet

in accordance with 1907/2006/EC



PRODUCT: Marldon MXA 500 Adhesive

Version 2

Revision date: 1st April 2015

Replaces: version dated 1st August 2008

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

1.1 Product Identifier:

Trade Name: Marldon MXA 500 Adhesive

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

PC1: Adhesives, sealants

Application of the substance / the mixture Adhesive

Adhesive for use in the installation of wood flooring, spacings sealant

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: 7am – 5pm Monday to Friday

Phone: 01772 696600.

Fax: 01772 647397

2. HAZARDS IDENTIFICATION

2.1 Classification according to Directive 67/548/EEC or 1999/45/EC

Classification under CHIP: F: R11; Xi: R36; -: R66; -: R67

Classification under CLP: Flam. Liq. 2: H225; Flam. Sol. 1: H228; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH208

Most important adverse effects: Highly flammable. Irritating to eyes.

Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

2.2. Label elements

Label elements under CLP:

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

Hazard statements: EUH208: Contains 2-butanone oxime. May produce an allergic reaction. H225: Highly flammable liquid and vapour.

H228: Flammable solid.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Signal words: Danger

GHS07: Exclamation mark



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Hazard statements

Precautionary statements:

P102: Keep out of reach of children.

P271: Use only outdoors or in a well-ventilated area.

P264: Wash hands and face thoroughly after handling.

P242: Use only non-sparking tools.

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P103: Read label before use.

P233: Keep container tightly closed.

P243: Take precautionary measures against static discharge.

P261: Avoid breathing vapours.

P280: Wear protective gloves and eye protection.

P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical advice/attention.

P312: Call a POISON CENTER or doctor if you feel unwell.

P370+378: In case of fire: Use powder, water spray or carbon dioxide for extinction. P403+233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

Label elements under CHIP:

Hazard symbols: Highly flammable.

Irritant.



Risk phrases: R11: Highly flammable.

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking. R67: Vapours may cause drowsiness and dizziness.

Safety phrases: S2: Keep out of the reach of children.

S9: Keep container in a well-ventilated place.

S16: Keep away from sources of ignition - No smoking.

S25: Avoid contact with eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S29: Do not empty into drains.

S43: In case of fire, use alcohol resistant foam, carbon dioxide or water mist.

S46: If swallowed, seek medical advice immediately and show this container or label. Precautionary phrases: Contains 2-butanone oxime. May produce an allergic reaction.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

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3 COMPOSITION/INFORMATION ON INGREDIENTS*

3.1 Mixtures

Hazardous ingredients:

ETHYL ACETATE - REACH registered number(s): 01-2119475103-46-XXXX

EINECS	CAS	CHIP Classification	CLP Classification	Percent
205-500-4	141-78-6	F: R11; Xi: R36; -: R66; -: R67	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	10-30%

ETHANOL

200-578-6	64-17-5	F: R11 Substance with a Community workplace exposure limit.	Flam. Liq. 2: H225	1-10%
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Additional information:

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

4 FIRST AID MEASURES

4.1 Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.

Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Absorption through the skin may occur causing symptoms similar to those of ingestion.

Eye contact: There may be irritation and redness. The eyes may water profusely.

No further relevant information available.

Information for doctor: No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Alcohol resistant foam. Dry chemical powder. Carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes,

5.3 Advice for firefighters

Personal protective equipment:

Wear self-contained respiratory protective device. apparatus.

Wear protective clothing to prevent contact with skin and eyes

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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point.

Mark out the contaminated area with signs and prevent access to unauthorised personnel

6.2 Environmental precautions:

Environmental precautionary measures: Do not discharge into drains or rivers,

6.3 Methods and material for containment and cleaning up:

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method

6.4 Reference to other sections

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid direct contact with the substance. Ensure good ventilation/exhaustion at the workplace.

Do not handle in a confined space.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed

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

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Hazardous ingredients:

ETHYL ACETATE

Workplace exposure limits: Respirable dust

State	8 hour TWA	15 min STEL	8 hour TWA	15 min STEL
UK	200 ppm	400 ppm	-	-

ETHANOL

UK	1920mg/m ³	-	-	-
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DNEL/PNEC Values

DNEL / PNEC No data available

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Gas/vapour filter, type A: organic vapours (EN141). and must be worn if vapour concentration exceeds WEL

Hand protection: Protective gloves. Natural rubber gloves are recommended, neoprene are acceptable.

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Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General Information:

Physical state	Paste
Colour:	Buff
Odour:	Sweet-smelling
Evaporation rate:	Moderate
Solubility in water	Insoluble
Viscosity	Highly viscous
Boiling point/range °C	70-80
Flammability limits %	Lower: 3 upper 13
Flash point °C	10
Auto flammability °C	<400
Relative density:	1.5-1.6
VOC (EC)	386.6
Oxidizing properties	Not oxidising
Physical hazards Content of VOC	Value 60 g/l Initial boiling point less than or equal to 250° C

9.2. Other information: No data available

10 STABILITY AND REACTIVITY

10.1 Reactivity No further relevant information available

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions. No dangerous reactions known.

10.4 Conditions to avoid: Heat sources of ignition.

10.5 Incompatible materials: Material to avoid. Strong acids

10.6 Hazardous decomposition products:

Haz. decomp. products: In combustion emits toxic fumes.

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11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Hazardous ingredients:

ETHYL ACETATE

DERMAL	Rabbit	LD50	>20000	mg/kg
ORAL	Rat	LD50	6100	mg/kg
ORAL	Rabbit	LD50	4934	mg/kg
VAPOURS	Rat	4H LC50	29.3	ppm V
ETHANOL				
IVN	Rat	LD50	1440	mg/kg
ORL	Mouse	LD50	3459	mg/kg
ORL	Rat	LD50	7060	mg/kg

Effect	Route	Basis
Irritation	OPT	Hazardous calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Absorption through the skin may occur causing symptoms similar to those of ingestion.

Eye contact: There may be irritation and redness. The eyes may water profusely

Ingestion: There may be soreness and redness of the mouth and throat. There may be confusion, aggressive behaviour, slurred speech and staggering walk.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

12 ECOLOGICAL INFORMATION

12.1 Hazardous ingredients:

ETHYL ACETATE

Daphnia magna	48H EC50	3090	mg/l
Pimephales promelas (Fat-head Minnow)	96H LC50	230	mg/l

12.2. **Persistence and degradability:** No data available.

12.3 Bio accumulative potential: Very low bioaccumulation potential

12.4. Mobility in soil

Mobility: Volatile.

12.5. Results of PBT and vPvB assessment

PBT identification:

This product is not identified as a PBT/vPvB substance.

12.6. **Other adverse effects:** None known

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13 DISPOSABLE CONSIDERATIONS

13.1 Waste treatment methods

Disposal operations:

Transfer to a suitable container and arrange for collection by specialised disposal company.

Waste code number: 08 04 09

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

14 TRANSPORT INFORMATION

14.1 UN Number	UN 1133
14.2 UN proper shipping name	ADHESIVES (ETHYLNACETATE)
14.3 Transport hazard class (es)	3
14.4 Packing group	III
14.5 Environmental Hazards	No
14.6 Special precautions for user Tunnel code	D/E

15 REGULATORY INFORMATION

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

15.2. Chemical Safety Assessment

Chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16 OTHER INFORMATION

Other information:

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H225: Highly flammable liquid and vapour.

H228: Flammable solid.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

R11: Highly flammable.

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

Legend to abbreviations:

PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

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EC50 = median effective concentration
IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig

RBT = rabbit

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular/corneal

PCP = physico-chemical properties

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.

Additional information

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

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 user's 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.