

Safety Data Sheet

in accordance with 1907/2006/EC

Marldon MXA 500 Adhesive



Version 2

Revision date: 1st April 2015

Replaces: version dated 1st Aug 2008

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

· 1.1 Product identifier:

Trade Name: Marlon 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

· 1.3 Details of the supplier of the safety data sheet

SUPPLIER: Havwoods 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

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

Hazard pictograms: GHS02: Flame

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GHS07: Exclamation mark



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.

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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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. 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.

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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.

4.3. Indication of any immediate medical attention and special treatment needed

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

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 fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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 precautions: 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

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

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)

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8. EXPOSURE CONTROLS

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	400ppm	-	-
ETHANOL				
UK	1920mg/m3	-	-	-

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.

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

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
Autoflammability°C:	>400 Relative density: 1.5-1.6
VOC g/l:	386.6

9.2. Other information

Other information: No data available

10. STABILITY AND REACTIVITY

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10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Heat. Sources of ignition.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

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

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	ppmV
ETHANOL				
IVN	Rat	LD50	1440	mg/kg
ORL	Mouse	LD50	3450	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

Hazardous ingredients:

ETHYL ACETATE

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

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12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative 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

13. DISPOSAL 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

UN1133

14.2. UN proper shipping name

ADHESIVES (ETHYL ACETATE)

14.3. Transport hazard class(es)

3

14.4. Packing group

III

14.5. Environmental hazards

No

Marine pollutant: 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: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier

16. OTHER INFORMATION

Other information

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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

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

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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 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.