

Safety Data Sheet

in accordance with 1907/2006/EC



Marldon PVA Adhesive

Revision date: 18th July 2018

Version 2

Replaces:V1 28-Mar-13

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

1.1 Product identifier:

Trade name: **MARLDON PVA Adhesive**

MSDS code: MARLPVA1 000000607216

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

Product Use Adhesive

Application of the substance / the mixture Adhesives

1.3 Details of the supplier of the safety data sheet

SUPPLIER: Havwoods Accessories
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, all other times contact your national poisoning centre.

Phone: 01772 696600

Fax: 01772 647397

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture Type of product : Mixture

Classification according to Regulation (EC) No 1272/2008

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Additional Labelling:

EUH208 Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC 220-239-6] (3:1). May produce an allergic reaction.

2.3 Other hazards

Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Safety Data Sheet

in accordance with 1907/2006/EC



Marldon PVA Adhesive

Revision date: 18th July 2018

Version 2

Replaces: V1 28-Mar-13

3. COMPOSITION/INFORMATION ON INGREDIENTS*

3.2 Mixtures

Hazardous components:

Chemical name CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) 55965-84-9	Acute Tox.3; H331 Acute Tox.2; H310 Acute Tox.3; H301 Skin Corr.1B; H314 Skin Sens.1A; H317 Aquatic Acute1; H400 Aquatic Chronic1; H410	>= 0,0002 - < 0,0015

- For the full text of the H-Statements mentioned in this section, see section 16.

4. FIRST AID MEASURES

- 4.1 Description of first aid measures** No hazards which require special first aid measures.
 - After inhalation:**
Move to fresh air.
 - After skin contact:**
Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
 - After eye contact:**
Remove contact lenses. Keep eye wide open while rinsing.
 - After swallowing:**
Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
- 4.2 Most important symptoms and effects, both acute and delayed**

Symptoms : See Section 11 for more detailed information on health effects and symptoms.

Risks No known significant effects or hazards.
- 4.3 Indication of any immediate medical attention and special treatment needed**
Treatment: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

- 5.1 Extinguishing media**
- Suitable extinguishing agents:**
In case of fire, use water/water spray/water jet/carbon dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction.
- 5.2 Special hazards arising from the substance or mixture**
- Hazardous combustion products:** No hazardous combustion products are known.

Safety Data Sheet

in accordance with 1907/2006/EC



Marldon PVA Adhesive

Revision date: 18th July 2018

Version 2

Replaces: V1 28-Mar-13

- **5.3 Advice for firefighters**
- **Protective equipment:** In the event of fire, wear self-contained breathing apparatus.
- **Further information:** Standard procedure for chemical fires

6. ACCIDENTAL RELEASE MEASURES

· 6.1 Personal precautions, protective equipment and emergency procedures

For personal protection see section 8.

- **6.2 Environmental precautions:** No special environmental precautions required.

· 6.3 Methods and material for containment and cleaning up:

Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

· 6.4 Reference to other sections

See Section 8 for information on personal protection equipment.

7. HANDLING AND STORAGE

- **7.1 Precautions for safe handling** For personal protection see section 8. No special handling advice required. Follow standard hygiene measures when handling chemical products.

- **Information about fire - and explosion protection:** Normal measures for preventative fire protection.

- **Hygiene measures:** When using do not eat or drink. When using do not smoke.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by storerooms and containers:

Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.

· Information about storage in one common storage facility:

No special restrictions on storage with other products.

· Further information about storage conditions:

No decomposition if stored and applied as directed.

- **7.3 Specific end use(s)** Consult most current local Product Data Sheet prior to any use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

Contains no substances with occupational exposure limit values.

· 8.2 Exposure controls

· Personal protective equipment:

- **Eye protection:** Safety glasses

- **Hand protection:** Chemical resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN374. Follow manufacturer specifications.

Safety Data Sheet

in accordance with 1907/2006/EC



Marldon PVA Adhesive

Revision date: 18th July 2018

Version 2

Replaces: V1 28-Mar-13

Butyl rubber/nitrile rubber gloves (0,4mm), Recommended: Butyl rubber/nitrile rubber gloves.

- **Skin and body protection:** Protective clothing (e.g. Safety shoes acc. To EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.
- **Respiratory protection:** No special measures required.
- **Environmental exposure controls**
- **General advice:** No special environmental precautions required.

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Information on basic physical and chemical properties

- **General Information**

- **Appearance:**

Form: Liquid

Colour: White

- **Odour:** Very faint

- **Odour Threshold:** No data available

- **Flash point:** Not applicable.

- **Autoignition temperature:** No data available

- **Decomposition temperature:** No data available

- **Lower explosion limit (Vol-%)** No data available

- **Upper explosion limit (Vol-%)** No data available

- **Flammability:** No data available

- **Explosive properties:** No data available

- **Oxidizing properties:** No data available

- **pH:** 3

- **Melting point/range/Freezing point:** No data available

- **Boiling point/boiling range:** No data available

- **Vapour pressure:** 23 hPa

- **Density at 20°C:** 1.07 g/cm³

- **Solubility in / Miscibility with water:** No data available

- **Partition coefficient: noctanol/water:** No data available

- **Viscosity:**

Dynamic No data available

Kinematic at 40 °C >7 mm²/s

- **Relative vapour density** No data available

- **Evaporation rate:** No data available

- **9.2 Other information**

No further relevant information available

Safety Data Sheet

in accordance with 1907/2006/EC



Marldon PVA Adhesive

Revision date: 18th July 2018

Version 2

Replaces:V1 28-Mar-13

10. STABILITY AND REACTIVITY

• 10.1 Reactivity

• No dangerous reaction known under conditions of normal use.

• 10.2 Chemical stability

• The product is chemically stable.

• 10.3 Possibility of hazardous reactions

• Hazardous reactions: No hazards to be specially mentioned.

• 10.4 Conditions to avoid

• Conditions to avoid: No data available.

• 10.5 Incompatible materials:

• Materials to avoid – No data available.

• 10.6 Hazardous decomposition products

11. TOXICOLOGICAL INFORMATION*

• 11.1 Information on toxicological effects

• **Acute toxicity** Not classified based on available information.

• **Skin corrosion/irritation** Not classified based on available information.

• **Serious eye damage/irritation** Not classified based on available information.

• Respiratory or skin sensitisation

• Skin Sensitisation: Not classified based on available information.

• Respiratory sensitization: Not classified based on available information.

• **Germ cell mutagenicity** Not classified based on available information.

• **Carcinogenicity** Not classified based on available information.

• **Reproductive toxicity** Not classified based on available information.

• **STOT-single exposure** Not classified based on available information

• **STOT-repeated exposure** Not classified based on available information.

• **Aspiration toxicity** Not classified based on available information.

12. ECOLOGICAL INFORMATION

• 12.1 Toxicity

• COMPONENTS:

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3: :

M-Factor (Short-term (acute) Aquatic hazard : 100

M-Factor (Long-term (chronic) Aquatic hazard : 10

• **12.2 Persistence and degradability** No data available

• **12.3 Bioaccumulative potential** No data available.

• **12.4 Mobility in soil** No data available.

Safety Data Sheet

in accordance with 1907/2006/EC



Marldon PVA Adhesive

Revision date: 18th July 2018

Version 2

Replaces:V1 28-Mar-13

· 12.5 Results of PBT and vPvB assessment

Product: Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

· 12.6 Other adverse effects

Product: Additional ecological information: There is no data available for this product.

13. DISPOSAL CONSIDERATIONS*

· 13.1 Waste treatment methods

Product: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

· European waste catalogue

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

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

Safety Data Sheet

in accordance with 1907/2006/EC



Marldon PVA Adhesive

Revision date: 18th July 2018

Version 2

Replaces:V1 28-Mar-13

15. REGULATORY INFORMATION*

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

Prohibition/Restriction

International Chemical Weapons Convention (CWC) : Not applicable
Schedules of Toxic Chemicals and Precursors

REACH – Candidate List of Substances of Very High Concern for Authorisation (Article 59). : None of the components are listed (=>0.1%)

REACH – List of Substances subject to authorization (Annex XIV) : Not applicable

REACH – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Not applicable

REACH Information: All substances contained in our Products are
-registered by our upstream suppliers, and/or
-registered by us, and/or
-excluded from the regulation, and/or
-exempted from the registration.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major accident hazards involving dangerous substances.
Not applicable

VOC-CH (VOCV) : 0,08 %
No VOC duties

VOC-EU (Solvent) : 1,84 %

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environmental regulation/legislation specific for the substance or mixture: : Environmental Protection Act 1990 & Subsidiary Regulations Health and Safety at Work Act 1974 & Subsidiary Regulations Control of Substances Hazardous to Health Regulations (COSHH) May be subject to the Control of Major Accident Hazards Regulations (COMAH) and amendments.

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

Safety Data Sheet

in accordance with 1907/2006/EC



Marldon PVA Adhesive

Revision date: 18th July 2018

Version 2

Replaces:V1 28-Mar-13

16. OTHER INFORMATION*

Full text of H-statements

H301 Toxic if swallowed.
 H310 Fatal in contact with skin.
 H314 Causes severe skin burns and eye damage.
 H317 May cause an allergic skin reaction.
 H331 Toxic if inhaled
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms:

Acute Tox. Acute toxicity
 Aquatic Acute Short term (acute) aquatic hazard
 Aquatic Chronic Long-term (chronic) aquatic hazard
 Skin Corr. Skin corrosion
 Skin Sens. Skin sensitization
 ADR European Agreement concerning the International Carriage of Dangerous Goods by Road
 CAS Chemical Abstracts Service
 DNEL Derived no-effect level
 EC50 Half maximal effective concentration
 GHS Globally Harmonized System
 IATA International Air Transport Association
 IMDG International Maritime Code for Dangerous Goods
 LD50 Median lethal dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)
 LC50 Median lethal (concentrations of the chemical in air that kills 50% of the test animals during the observation period)
 MARPOL International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978
 OEL Occupational Exposure Limit
 PBT Persistent, bioaccumulative and toxic
 PNEC Predicted no effect concentration
 REACH Regulation (EC) No 1907/2006 of the European Parliament and of the Council
 SVHC: Substances of Very High Concern
 vPvB: very Persistent and very Bioaccumulative

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

. * Data compared to the previous version altered.