

# SAFETY DATA SHEET

In accordance with 1907/2006 Annex II (2015/830) and 1272/2008  
(All references to EU regulations and directives are abbreviated into only the numeric term)  
Issued 2017-07-26  
Replaces issued SDS 2015-06-30  
Version number 2.0



## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name Marmox MSP360 Premium Adhesive & Sealant (Clear)

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

Identified uses Sealant

### 1.3. Details of the supplier of the safety data sheet

Company Marmox UK Ltd  
Caxton House, 101 ó 103 Hopewell Drive, Chatham,  
Kent, ME5 7NP  
Telephone 01484 421036  
E-mail sales@marmox.co.uk  
Website <http://www.marmox.co.uk/>

### 1.4. Emergency telephone number

Customer Services telephone +44(0)1634 835290 (Monday to Friday - 9am to 5pm GMT)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Upon assessment, this mixture is not classified as hazardous according to 1272/2008

### 2.2. Label elements

Hazard pictogram Not applicable  
Signal word Not applicable  
Hazard statement Not applicable

### 2.3. Other hazards

Not indicated.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Note that the table shows known hazards of the ingredients in pure form. These hazards are reduced or eliminated when mixed or diluted, see Section 16d.

Constituent	Classification	Concentration
<b>TRIMETHOXYVINYLSILANE</b>		
CAS No: 2768-02-7 EC No: 220-449-8	Flam Liq 3, Acute Tox 4 <i>vapour</i> ; H226, H332	1 - 5 %

Explanations to the classification and labelling of the ingredients are given in Section 16e. Official abbreviations are printed in normal font. Text in italics are specifications and/or complements used in the calculation of the classification of this mixture, see Section 16b.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Generally

In case of concern, or if symptoms persist, call a doctor/physician.

#### Upon breathing in

Allow the injured person to rest in a warm place with fresh air, if symptoms persist seek medical attention.

#### Upon eye contact

Rinse the eye for several minutes with lukewarm water. If irritation persists call a doctor/ophthalmologist.

#### Upon skin contact

Normal washing of the skin is considered sufficient; If nevertheless symptoms do occur, contact a physician.  
Remove contaminated clothes.

## Upon ingestion

Upon ingestion of larger amounts, consult a doctor/physician.

### 4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available.

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

Symptomatic treatment.

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Extinguish with materials intended for the surrounding fire.

### 5.2. Special hazards arising from the substance or mixture

The product is not hazardous in the flammable sense.

In case of fire, substances hazardous to health, or substances harmful in other respects, may be dispersed.

The product does not oxidise.

### 5.3. Advice for fire-fighters

In case of fire use a respirator mask.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

In case of spillage in protected water, call the emergency services immediately, tel. 112 (in Europe).

Use suitable allergy-tested protective gloves when cleaning up.

Do not inhale the product and avoid exposure to skin and eyes.

Dust filter IIb (P2) may be required when cleaning up.

### 6.2. Environmental precautions

At amounts considered in this case, the product may be released into the natural environment without serious environmental consequences. Large emissions should however be reported to the emergency services and the Environment Agency.

### 6.3. Methods and material for containment and cleaning up

Carefully collect the material for combustion waste disposal, then wash the spillage area with water.

Contaminated products should be treated as chemical waste and declared as non-hazardous goods.

### 6.4. Reference to other sections

See section 8 and 13 for personal protection equipment and disposal considerations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Treat the substance as potentially harmful to health.

Do not eat, drink or smoke in premises where this product is handled.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in a well-ventilated space.

Store only in the original package.

### 7.3. Specific end uses

Not relevant.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. National limit values

All ingredients (cf. Section 3) lack occupational exposure limit values.

#### DNEL

No data available.

#### PNEC

No data available.

### 8.2. Exposure controls

In terms of minimizing risks, no special attention is needed for this product besides the general obligations that follow EU directive 89/391 and national occupational legislation.

#### Eye/face protection

Eye protection should be worn if there is any danger of direct exposure or splashing.

#### Skin protection

Protective gloves are normally not needed due to the properties of this product, but may be necessary for other reasons, e.g. mechanical risks, temperature conditions or microbiological risks.

## Respiratory protection

Protective breathing equipment should only be required in extreme work-situations. Consult the manufacturer if this is the case.

Dust filter IIb (P2) may be required.

### 8.2.3. Environmental exposure controls

For limitation of environmental exposure, see Section 12.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

a) Appearance	Form: paste.
b) Odour	Not indicated
c) Odour threshold	Not indicated
d) pH	Not indicated
e) Melting point/freezing point	Not indicated
f) Initial boiling point and boiling range	270 °C
g) Flash point	227 °C
h) Evaporation rate	Not indicated
i) Flammability (solid, gas)	Not applicable
j) Upper/lower flammability or explosive limits	Not indicated
k) Vapour pressure	Not indicated
l) Vapour density	Not indicated
m) Relative density	1.542 kg/L
n) Solubility	Not indicated
o) Partition coefficient: n-octanol/water	Not applicable
p) Auto-ignition temperature	Not indicated
q) Decomposition temperature	Not indicated
r) Viscosity	Not indicated
s) Explosive properties	Not applicable
t) Oxidising properties	Not applicable

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

### 10.2. Chemical stability

The product is stable at normal storage and handling conditions.

### 10.3. Possibility of hazardous reactions

Not indicated.

### 10.4. Conditions to avoid

Not indicated.

### 10.5. Incompatible materials

Not indicated.

### 10.6. Hazardous decomposition products

Not indicated.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

The product is not classified as toxic.

#### Acute toxicity

Not classified as an acutely toxic substance.

The product is not classified as acute toxic.

#### TRIMETHOXYVINYL SILANE

LD50 rabbit 24h: 3540 mg/kg Dermal

LC50 rat 4h: 16 mg/l Inhalation

LC50 rat 4h: 16.8 mg/l Inhalation

LD50 rat 24h: 7120 mg/kg Orally

#### Skin corrosion/irritation

The product is not corrosive. Minor irritation cannot be ruled out for persons who are prone/susceptible.

**Serious eye damage/irritation**

Not indicated.

**Respiratory or skin sensitisation**

No hypersensitive reactions have been reported for the substances in this mixture.

**Germ cell mutagenicity**

To the best of our knowledge, no mutagenic effects have been reported for this product.

**Carcinogenicity**

To the best of our knowledge, no carcinogenic effects have been reported for this product.

**Reproductive toxicity**

To the best of our knowledge, no mutagenic or otherwise genetic or reproductive toxic effects have been reported for this product.

**STOT-single exposure**

To the best of our knowledge this product does not affect discernment if used in the manner intended.

**STOT-repeated exposure**

To the best of our knowledge, no chronic effects have been reported for this product.

**Aspiration hazard**

Not indicated.

## SECTION 12: Ecological information

**12.1. Toxicity**

No ecological damage is known or expected in the event of normal use.

**TRIMETHOXYVINYLSILANE**

EC50 Freshwater water flea (*Daphnia magna*) 48h: 168.7 mg/l

**12.2. Persistence and degradability**

No information about persistence or degradability exists but there is no reason to suppose that the product is persistent.

**12.3. Bioaccumulative potential**

No information exists on bioaccumulation, but there is no cause for concern in respect of this.

**12.4. Mobility in soil**

No information about mobility in the nature exists but there is no reason to suppose the product to be ecologically harmful because of this.

**12.5. Results of PBT and vPvB assessment**

No chemical safety report has been executed.

**12.6. Other adverse effects**

This product degrades rapidly but large emission within a short period of time may be harmful to the local environment.

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods****Waste handling of the product**

The product is not classified as hazardous waste.

Also take local regulations for dealing with waste into account.

This product is not usually recycled.

**Classification according to 2006/12**

Recommended LoW-code: 08 04 10 Waste adhesives and sealants other than those mentioned in 08 04 09

## SECTION 14: Transport information

Where not otherwise stated the information applies to all of the UN Model Regulations, i.e. ADR (road), RID (railway), ADN (inland waterways), IMDG (sea), and ICAO (IATA) (air).

**14.1. UN number**

Not classified as dangerous goods

**14.2. UN proper shipping name**

Not applicable

**14.3. Transport hazard class(es)**

Not applicable

**14.4. Packing group**

Not applicable

**14.5. Environmental hazards**

Not applicable

**14.6. Special precautions for user**

Not applicable

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable

## 14.8 Other transport information

Not applicable

## SECTION 15: Regulatory information

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

Not indicated.

### 15.2. Chemical safety assessment

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

## SECTION 16: Other information

### 16a. Indication of where changes have been made to the previous version of the safety data sheet

#### Revisions of this document

Earlier versions

2015-06-30 Revisions of this document has, where not otherwise stated, been caused by changes in the regulations

### 16b. Legend to abbreviations and acronyms used in the safety data sheet

#### Full texts for Hazard Class and Category Code mentioned in section 3

Flam Liq 3 Flammable liquids (Category 3)

Acute Tox 4 vapour Acute toxicity (Category 4 vapours)

#### Explanations of the abbreviations in Section 14

ADR European Agreement concerning the International Transport of Dangerous Goods by Road

RID Regulations concerning the International Transport of Dangerous Goods by Rail

IMDG International Maritime Dangerous Goods Code

ICAO International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)

IATA The International Air Transport Association

### 16c. Key literature references and sources for data

#### Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I, as updated to 2017-07-26.

Where such data was not available, alternative documentation used to establish the official classification was used, e.g. IUCLID (International Uniform Chemical Information Database). As a second alternative, information was used from reputable international chemical industries, and as a third alternative other available information was used, e.g. material safety data sheets from other suppliers or information from non-profit associations, where reliability of the source was assessed by expert opinion. If, in spite of this, reliable information could not be sourced, the hazards were assessed by expert opinions based on the known hazards of similar substances, and according to the principles in 1907/2006 and 1272/2008.

#### Full texts for Regulations mentioned in this Safety Data Sheet

1907/2006 Annex II (2015/830) COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

1272/2008 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

89/391 COUNCIL DIRECTIVE (89/391/EEC of 12 June 1989 on the introduction of measures to encourage improvements in the safety and health of workers at work

2006/12 DIRECTIVE 2006/12/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 5 April 2006 on waste

1907/2006 REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

### 16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of Classification

Hazard calculation for this mixture has been performed as a cumulative assessment with the aid of expert assessments in accordance with 1272/2008 Annex I, where all available information which may be significant to establishing the hazards of the mixture was assessed together, and in accordance with 1907/2006 Annex XI.

**16e. List of relevant hazard statements and/or precautionary statements**

**Full texts for hazard statements mentioned in section 3**

H226 Flammable liquid and vapour

H332 Harmful if inhaled

**16f. Advice on any training appropriate for workers to ensure protection of human health and the environment**

**Warning for misuse**

This product is not expected to cause severe harm to humans or the environment. However the manufacturer, the distributor or the supplier cannot be responsible for unusual or criminal use of the product.

**Other relevant information**

**Editorial information**



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