

Safety Data Sheet according to 1907/2006/EC, Article 31 / 2020/878/EU

Revision: 09.04.2026 Version number: 3

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Product name: MSP360 (Clear)

Product type: Mixture

1.2 Relevant Identified Uses

Recommended use: Adhesives and/or sealants

Uses advised against: None known

1.3 Details of the Supplier

Marmox UK Ltd

Caxton House

101-103 Hopewell Drive

Chatham

Kent

ME5 7NP

Email: sales@marmox.co.uk

1.4 Emergency telephone numbers

United Kingdom: +44 (1634) 835290

(Monday-Friday, 9:00am-5:00pm)

Ireland - NPIC National Poison Information Centre

- Public: +353 (01) 8092166 (8:00am-10:00pm, 7 days)
- Healthcare professionals: +353 (01) 8092566 (24 hour service)

SECTION 2: Hazards Identification**2.1 Classification****According to Regulation (EC) No 1272/2008:**

The product is not classified according to the GB CLP regulation.

2.2 Label Elements

- Labelling according to Regulation (EC) No 1272/2008
- Void
- Hazard pictograms: Void
- Signal word: Void
- Hazard statements: Void

Additional Information

Contains:

- N-(3-(trimethoxysilyl)propyl)ethylenediamine, trimethoxyvinylsilane.

May produce an allergic reaction.

Safety data sheet available on request.

2.3 Other Hazards

PBT: Not applicable

vPvB: Not applicable

Ireland - NPIC National Poison Information Centre

- Public: +353 (01) 8092166 (8:00am-10:00pm, 7 days)
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SECTION 3: Composition / Information on Ingredients

3.1 Mixtures

Mixture of substances listed below with non-hazardous additions.

Dangerous Components			
CAS No.	Substance	Classification	Concentration
1760-24-3	N-(3-(trimethoxysilyl)propyl) ethylenediamine	Eye Dam. 1 (H318); Skin Sens. 1 (H317); STOT SE 3 (H335)	≥0.1–<1%
2768-02-7	Trimethoxyvinylsilane	Flam. Liq. 3 (H226); Acute Tox. 4 (H332); Skin Sens. 1B (H317)	≥0.1 – ≤1%

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

- Inhalation: Supply fresh air; consult doctor if complaints persist.
- Skin contact: Generally does not irritate skin.
- Eye contact: Rinse opened eye under running water for several minutes.
- Swallowing: Consult doctor if symptoms persist.

4.2 Symptoms and Effects

No further relevant information available.

4.3 Medical Attention

Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting Measures

5.1 Extinguishing Media

Use extinguishing methods suitable to surrounding conditions.

5.2 Special Hazards

No further relevant information available.

5.3 Advice for Firefighters

No special protective measures required.

SECTION 6: Accidental Release Measures

- Personal precautions: Not required.
- Environmental precautions: Prevent entry into sewers or groundwater.
- Clean-up methods: Pick up mechanically.

Reference sections:

- Safe handling: Section 7
- Personal protection: Section 8
- Disposal: Section 13



SECTION 7: Handling and Storage

7.1 Safe Handling

No special precautions if used correctly.

7.2 Fire and Explosion Protection

No special measures required.

7.3 Storage Conditions

- No special storage requirements
- Storage class: 13
- No incompatibilities known

SECTION 8: Exposure Controls / Personal Protection

8.1 Control Parameters

The product does not contain any relevant quantities of materials with critical values that require monitoring at the workplace.

Note: total inhalable / respirable fractions are considered.

8.2 Exposure Controls

General Hygiene Measures

Wash hands before breaks and after work.

Respiratory Protection

Not required.

Hand Protection

Chemical-resistant gloves (EN ISO 374)

- Minimum thickness: 0.5 mm
- Breakthrough time: 480 minutes
- Recommended wear time: 50% of breakthrough time

Suitable materials:

- Nitrile rubber (NBR)
- Butyl rubber (BR)
- Chloroprene rubber (CR)

Eye Protection

Tightly sealed goggles.



SECTION 9: Physical and Chemical Properties

9.1 Basic Properties

Property Chart	
Property	Value
Physical state	Solid
Form	Pasty
Colour	Clear
Odour	Charateristic
Odour Threshold	Not Determined

Melting and Boiling Properties

- Melting point / Freezing point: Undetermined
- Boiling point / Initial boiling point and boiling range: Undetermined
- Decomposition temperature: Not determined

Flammability and Explosion

- Flammability: Not determined
- Lower explosion limit: Not determined
- Upper explosion limit: Not determined
- Flash point: Not applicable
- Ignition temperature: Product is not self-igniting
- Explosive properties: Product does not present an explosion hazard

pH and Viscosity

- pH: Not applicable
- Kinematic viscosity: Not applicable
- Dynamic viscosity: Not applicable

Solubility and Partitioning

- Solubility in water: Insoluble
- Partition coefficient n-octanol / water (log P): Not determined

Vapour Properties

- Vapour pressure: Not applicable
- Vapour density: Not applicable

Density

- Density at 20 °C: 1.05 g/cm³
- Relative density: Not determined

Other Information

- Evaporation rate: Not applicable
- Important information on protection of health, environment, and safety:
- No additional relevant information.



Information Regarding Physical Hazard Classes

Hazard Class	Status
Hazard Class	Void
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances/mixtures emitting flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and Reactivity

- **Reactivity:** No further information available.
- **Chemical stability:** Stable under normal conditions.
- **Hazardous reactions:** None known.
- **Incompatible materials:** None known.
- **Hazardous decomposition products:** None known.

SECTION 11: Toxicological Information

Information on Hazard Classes (Regulation (EC) No 1272/2008)

Acute Toxicity

Based on available data, the classification criteria are not met.



Property Chart

CAS Number	Substance	Route	LD50 / LC50	Test Species
13463-67-7	Titanium dioxide	Oral	>20,000 mg/kg	Rat
13463-67-7	Titanium dioxide	Dermal	>10,000 mg/kg	Rabbit
13463-67-7	Titanium dioxide	Inhalation	LC50 / 4 h >6.82 mg/l	Rat
2768-02-7	Trimethoxyvinylsilane	Oral	6,899 mg/kg	Rat
2768-02-7	Trimethoxyvinylsilane	Dermal	3,158 mg/kg	Rabbit
1760-24-3	N-(3-(trimethoxysilyl)propyl)ethylenediamine	Oral	2,995 mg/kg	Rat
1760-24-3	N-(3-(trimethoxysilyl)propyl)ethylenediamine	Dermal	>2,000 mg/kg	Rat

Skin Corrosion / Irritation

- Classification criteria are not met.

Serious Eye Damage / Irritation

- Classification criteria are not met.

Respiratory or Skin Sensitisation

- Trimethoxyvinylsilane (CAS: 2768-02-7) is classified as a skin sensitiser Category 1B according to Annex VI of Regulation (EC) No 1272/2008, based on in vivo data.
- No allergic reactions were observed after occupational contact.
- Mixtures containing up to 5% trimethoxyvinylsilane in polymers of varying viscosities were tested using the local lymph node assay (OECD 429). None showed sensitising potential.
- This result forms the basis of our expert assessment, considering the full composition for classification and labelling of polymer mixtures.

Germ Cell Mutagenicity

- Classification criteria not met.

Carcinogenicity

- Classification criteria not met.

Reproductive Toxicity

- Classification criteria not met.

STOT – Single Exposure

- Classification criteria not met.

STOT – Repeated Exposure

- Classification criteria not met.

Aspiration Hazard

- Classification criteria not met.



Other Information

Endocrine Disrupting Properties

- None of the ingredients are listed as endocrine disruptors.

SECTION 12: Ecological Information

Results of PBT and vPvB assessment

- PBT: Not applicable
- vPvB: Not applicable
- Endocrine disrupting properties: None

Water hazard class: 1 — slightly hazardous for water

SECTION 13: Disposal Considerations

Waste Treatment

Do not dispose with household waste.
 Prevent entry into sewage systems.

Packaging

Dispose according to official regulations.

SECTION 14: Transport Information

Not regulated under ADR, IMDG, or IATA.

LD/LC50 Values

- UN Number: Not regulated
- UN Proper Shipping Name: Not regulated
- Hazard class: Not regulated
- Packing group: Not regulated
- Environmental hazards: Not applicable
- Special Precautions for User: Not applicable
- Maritime Transport in Bulk (IMO Instruments): Not applicable
- UN "Model Regulation": Not regulated

SECTION 15: Regulatory Information

- No regulated explosives, explosive precursors or poisons listed.
- Directive 2012/18/EU: No listed dangerous substances.
- Named dangerous substances - ANNEX I: No ingredients listed
- Chemical Safety Assessment: Not carried out.



SECTION 16: Other Information

Relevant Hazard Statements

- H226 Flammable liquid and vapour
- H302 Harmful if swallowed
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- H332 Harmful if inhaled
- H335 May cause respiratory irritation
- H361 Suspected of damaging fertility or unborn child
- H362 May cause harm to breast-fed children
- H400 Very toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects

SDS Issuing Department

- Product Safety Department
- Contact: Sales@Sealants-int.com

Abbreviations and Acronyms

(ADR, IMDG, IATA, GHS, EINECS, CAS, LD50, LC50, PBT, vPvB, etc.)

Transport Regulations

- ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road
- IMDG: International Maritime Dangerous Goods Code
- IATA: International Air Transport Association

Chemical Classification Systems

- 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 (American Chemical Society division)

Toxicological Terms

- LC50: Lethal concentration, 50%
- LD50: Lethal dose, 50%
- ATE: Acute Toxicity Estimate

Environmental Classification

- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: Very Persistent and Very Bioaccumulative

Hazard Classifications

- Flam. Liq. 3: Flammable liquids – Category 3
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Dam. 1: Serious eye damage/eye irritation – Category 1
- Skin Sens. 1 / 1A / 1B: Skin sensitisation – Category 1 / 1A / 1B
- Repr. 2: Reproductive toxicity – Category 2
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- Aquatic Acute 1: Hazardous to the aquatic environment – Acute hazard, Category 1
- Aquatic Chronic 1: Hazardous to the aquatic environment – Long-term hazard, Category 1





Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of publication and is intended only as guidance for safe handling, use, storage, transport and disposal. It does not constitute a warranty or quality specification.

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