

**Premium Adhesive & Sealant**

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

Revision: 09.04.2026 Version number: 1

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

Product name: MSP360 Fire (Grey)

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: Void
- Hazard pictograms: Void
- Signal word: Void
- Hazard statements: Void

**Additional Information**

Contains:

- trimethoxyvinylsilane
- 2-(Aminoethyl)-3-aminopropyldimethoxysilane
- decanedioic acid 1,10-bis(1,2,2,6,6-pentamethyl-4-piperidiny) ester mixture

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)
- Healthcare professionals: +353 (01) 8092566 (24 hour service)



## 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
13463-67-7	Titanium dioxide	Workplace exposure limit	>2.5–≤10%
2768-02-7	Trimethoxyvinylsilane	Flam. Liq. 3 (H226); Acute Tox. 4 (H332); Skin Sens. 1B (H317)	≥1–≤2.5%
1760-24-3	N-(3-(trimethoxysilyl)propyl) ethylenediamine	Eye Dam. 1 (H318); Skin Sens. 1 (H317); STOT SE 3 (H335)	≥0.1–<1%
3069-29-2	2-(Aminoethyl)-3-aminopropyl dimethoxysilane	Eye Dam. 1 (H318); Acute Tox. 4 (H302); Skin Irrit. 2 (H315); Skin Sens. 1A (H317)	<0.1%
1065336-91-5	Decanedioic acid derivative mixture	Repr. 2 (H361-H362); Aquatic Acute 1 (H400); Aquatic Chronic 1 (H410); Skin Sens. 1A (H317)	≥0.025–<0.1%

## 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

No further relevant information available.

## 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

Titanium dioxide (CAS 13463-67-7)

WEL Long-term value:

- 10 mg/m<sup>3</sup> (total inhalable)
- 4 mg/m<sup>3</sup> (respirable)

### 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	Grey
Odour	Charateristic
Solubility in Water	Insoluable
Density (20°C)	1.5 g/cm <sup>2</sup>
Flash Point	Not Applicable
Ignition Temperature	Not Self-Igniting
Explosion Hazard	None

(Other parameters: Not determined or not applicable.)

## 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

### 11.1 Acute Toxicity

Classification criteria not met.

### LD/LC50 Values

#### Titanium dioxide

- Oral LD50: >20,000 mg/kg (rat)
- Dermal LD50: >10,000 mg/kg (rabbit)
- Inhalation LC50/4h: >6.82 mg/l (rat)

#### Trimethoxyvinylsilane

- Oral LD50: 6,899 mg/kg (rat)
- Dermal LD50: 3,158 mg/kg (rabbit)

#### N-(3-(trimethoxysilyl)propyl)ethylenediamine

- Oral LD50: 2,995 mg/kg (rat)
- Dermal LD50: >2,000 mg/kg (rat)



**Premium Adhesive & Sealant****Other Toxicological Effects**

- Skin irritation: Not classified
- Eye irritation: Not classified
- Sensitisation: See detailed assessment (no sensitising potential observed in mixtures)
- Mutagenicity, carcinogenicity, reproductive toxicity, STOT, aspiration hazard: Criteria not met.

**SECTION 12: Ecological Information**

- **Aquatic toxicity:** No data available
- **Persistence/degradability:** No data available
- **Bioaccumulative potential:** No data available
- **Mobility in soil:** No data available

Water hazard class: 1 — slightly hazardous for water

Avoid release into groundwater, watercourses or sewage systems.

**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
- Hazard class: Not regulated
- Packing group: Not regulated
- Environmental hazards: Not applicable

**SECTION 15: Regulatory Information**

- No regulated explosives precursors or poisons listed.
- Directive 2012/18/EU: No listed dangerous substances.
- 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.)

**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.

**Marmox UK Ltd**

Caxton House,  
101-103 Hopewell Drive,  
Chatham, Kent. ME5 7NP  
United Kingdom

**For information and advice:**

Tel: 01634 835290  
Email: sales@marmox.co.uk  
Web: www.marmox.co.uk