



# Ideal Chemical Products Ltd

Unit D5, Taylor Business Park, Warrington Road, Warrington, Cheshire, WA3 6BL.  
Telephone: 01925 765934, Fax: 01925 766320 E-Mail: info@idealsealants.com

## Mighty Strength Polymer


### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product name** : Mighty Strength Polymer  
**Use of the product** : Sealant for the building industry  
**Supplier** : See above  
**Emergency phone number** : 07860287152 (after working hours)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

#### Chemical characterization

**Description:** Mixture of substances listed below with non hazardous additions.

· Dangerous components:			
CAS: 2768-02-7 EINECS: 220-449-8	trimethoxyvinylsilane	 Xn; R 10-20	1-5%

**Additional information** : For the wording of the listed risk phrases refer to section 16.

### 3. HAZARDS IDENTIFICATION

**Hazard description** : Not applicable.  
**Humans and environment** : The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.  
**Classification system** : The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

### 4. FIRST AID MEASURES

**General information** : No special measures required.  
**Inhalation** : Supply fresh air; consult doctor in case of complaints.  
**Skin** : Generally the product does not irritate the skin.  
**Eye contact** : Rinse opened eye for several minutes under running water.  
**Ingestion** : If symptoms persist consult doctor.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media** : CO<sub>2</sub>, powder, foam and water spray.  
**Unsuitable extinguishing media** : Unknown.  
**Special fire fighting procedures** : Wear protective clothing and breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

**Person-related safety precautions** : Not required.  
**Environmental protection** : Do not allow to enter sewers/ surface or ground water.  
**Measures for cleaning/collecting** : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
**Additional information** : No dangerous substances are released.

### 7. HANDLING AND STORAGE

**Handling** : Handle in well-ventilated area. Avoid contact with skin, eyes and do not swallow.  
**Storage** : Store in closed packing between 5°C and 25°C away from direct sunlight and other sources of heat.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational exposure limit** : None  
**Respiratory protection** : Avoid breathing the vapour. Maintain good ventilation.  
**Eye and skin protection** : Avoid contact with skin and eyes. Wear safety glasses.  
**Industrial hygiene** : When using do not eat, drink or smoke. Wash hands after work and before breaks.  
Don't rub eyes with dirty hands.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	: Liquid	<b>Flash point*</b>	: 227	°C
<b>Colour</b>	: various	<b>Lower explosion limit*</b>	: NA	vol-%
<b>Odour</b>	: butylacetate	<b>Upper explosion limit*</b>	: NA	vol-%
<b>Density (water=1)</b>	: 1.54 g/cm <sup>3</sup>	<b>Ignition temperature*</b>	: unk	°C
<b>pH (water=7)</b>	: NA	<b>Vapour pressure*</b>	: 0	hPa
<b>Boiling point (water =100)*</b>	: 270 °C	<b>Mixable with water</b>	: no	
<b>Freezing point (water = 0)*</b>	: unk °C	<b>VOC-content</b>	: 0.02	Weight-%

## 10. STABILITY AND REACTIVITY

<b>Thermal decomposition</b>	: No decomposition if used according to specifications.
<b>Dangerous reactions</b>	: No dangerous reactions known.
<b>Dangerous decomposition products</b>	: No dangerous decomposition products known.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity:

### Primary irritant effect:

<b>Skin</b>	: No irritant effect.
<b>Eye</b>	: No irritating effect.
<b>Sensitization</b>	: No sensitizing effects known.

**Additional toxicological information** : The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

## 12. ECOLOGICAL INFORMATION

<b>General notes</b>	: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
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## 13. DISPOSAL CONSIDERATIONS

<b>Product Recommendation</b>	: Smaller quantities can be disposed of with household waste.
<b>Unclean packaging</b>	: Disposal must be made according to official regulations.

## 14. TRANSPORT INFORMATION

<b>By sea according IMDG-Code</b>	: Not applicable
<b>By land according ADR</b>	: Not applicable
<b>By air according ICAO/IATA-DGR</b>	: Not applicable
<b>UN-number</b>	: Not applicable
<b>Proper shipping name</b>	: Not applicable

## 15. REGULATORY INFORMATION

<b>Labelling according to EU guidelines</b>	: Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
<b>Special labelling</b>	: Contains Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate, N-(3-(trimethoxysilyl)propyl) ethylenediamine, N-[3-(dimethoxymethylsilyl)propyl]ethylenediamine. May produce an allergic reaction. Safety data sheet available for professional user on request.

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## 16. OTHER INFORMATION

This product safety data sheet conforms to EC Directive 91/155/EEC as well as its amendments including 2001/58/EC. This data is offered in good faith as typical values and not as product specifications. No warranty either expressed or implied, is hereby made. The recommended industrial and safe handling procedures are believed to be generally applicable, each user should review the recommendations in the specific context of the intended use and determine whether they are appropriate.

<b>NA</b>	: Not Applicable
<b>Unk</b>	: Unknown
<b>R10</b>	: Flammable.
<b>R20</b>	: Harmful by inhalation.