

## Section 1

### Substance / Mixture & Company Identification

**1.1 Product identifier.**

**Product Form**

Mixture

**Trade Name**

Hemway Construction Sealant & Adhesive

**Trade Colours**

Jet Black, Bright White, Crystal Clear, Light Grey, Anthracite Grey

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

**1.2.1 Relevant identified uses.**

No additional information available.

**1.2.2 Uses advised against.**

No additional information available.

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

Hemway

Unit N1

Gildersome Spur

Industrial Estate

Leeds

LS27 7JZ

Further information obtainable from [contact@hemway.com](mailto:contact@hemway.com).

**1.4 Emergency telephone number.**

0113 350 8545

## Section 2

### Hazards Identification

**2.1 Classification of the substance or mixture.**

**Classification according to Regulation (EC) No 1272/2008**

Not classified.

### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

## 2.2 Label elements.

Labelling according to Regulation (EC) No 1272/2008

EUH208 - Contains Trimethoxyvinylsilane(2768-02-7). May produce an allergic reaction.

## 2.3 Other hazards.

Contains no PBT/vPvB substances  $\geq$  0.1% assessed in accordance with REACH Annex XIII.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

## Section 3

### Ingredients Composition / Information

#### 3.1 Substances.

Not applicable.

#### 3.2 Chemical characterisation: Mixtures.

Dangerous components.		
CAS-No.: 2768-02-7 EC-No.: 220-449-8 REACHno: 01-2119513215-52	Trimethoxyvinylsilane  Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation: dust, mist), H332 Skin Sens. 1B, H317	<5%

#### Additional information

For the wording of the listed hazard phrases refer to Section 16.

## Section 4

### First Aid Measures

#### 4.1 Description of first aid measures.

##### After inhalation

Remove person to fresh air and keep comfortable for breathing.

##### After skin contact

Wash skin with plenty of water.

##### After eye contact

Rinse eyes with water as a precaution.

##### After swallowing

Call a poison center or a doctor if you feel unwell.

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

No additional information available.

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

Treat symptomatically.

## Section 5

### Firefighting Measures

#### 5.1 Extinguishing media.

##### Suitable extinguishing media

Water spray, dry powder, foam, carbon dioxide.

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

Hazardous decomposition products in case of fire: Toxic fumes may be released.

#### 5.3 Advice for firefighters.

##### Protection during firefighting

Do not attempt to take action without suitable protective equipment: self-contained breathing apparatus & complete protective clothing.

## Section 6

### Accidental Release Measures

- 6.1 Personal precautions, protective equipment and emergency procedures.**
- 6.1.1 For non-emergency personnel.**  
Ventilate spillage area.
- 6.1.2 For emergency responders.**  
Do not attempt to take action without suitable protective equipment. For further information refer to Section 8.
- 6.2 Environmental precautions.**  
Avoid release to the environment.
- 6.3 Methods and material for containment and cleaning up.**
- Methods for cleaning up**  
Take up liquid spill into absorbent material.
- Other information**  
Dispose of materials or solid residues at an authorized site.
- 6.4 Reference to other sections.**  
For further information refer to section 13.

## Section 7

### Handling & Storage

- 7.1 Precautions for safe handling.**  
Ensure good ventilation of the work station. Wear personal protective equipment.
- Hygiene measures**  
Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
- 7.2 Conditions for safe storage, including any incompatibilities.**
- Storage conditions**  
Store in a well-ventilated place. Keep cool.
- 7.3 Specific end use(s).**  
No additional information available.

## Section 8 Exposure Controls & Personal Protection

### 8.1 Control parameters.

#### 8.1.1 National occupational exposure and biological limit values.

No additional information available.

#### 8.1.2 Recommended monitoring procedures.

No additional information available.

#### 8.1.3 Air contaminants formed.

No additional information available.

#### 8.1.4 DNEL and PNEC.

No additional information available.

#### 8.1.5 Control banding.

No additional information available.

### 8.2 Exposure controls.

#### 8.2.1 Appropriate engineering controls.

Appropriate engineering controls  
Ensure good ventilation of the work station.

#### 8.2.2 Personal protection equipment.

Personal protective equipment symbol(s)



##### 8.2.2.1 Eye and face protection.

Eye protection  
Safety glasses.

##### 8.2.2.2 Skin protection.

Skin and body protection  
Wear suitable protective clothing.

Hand protection  
 Protective gloves.

**8.2.2.3 Respiratory protection.**

In case of insufficient ventilation, wear suitable respiratory equipment.

**8.2.2.4 Thermal hazards.**

No additional information available.

**8.2.3 Environmental exposure controls.**

Avoid release to the environment.

**Section 9**

**Physical & Chemical Properties**

**9.1 Information.**

<p><b>General information</b></p> <p>Physical state                  Colour                  Appearance                  Odour                  Odour threshold</p>	<p>Liquid                  Various colours                  Liquid                  Not available                  Not available</p>
<p>Melting point                  Freezing point                  Boiling point</p>	<p>Not applicable                  Not available                  Not available</p>
<p>Flammability                  Explosive limits                  Flash point                  Auto-ignition temperature                  Decomposition temperature</p>	<p>Non flammable                  Not available                  Not available                  Not available                  Not available</p>
<p>pH</p>	<p>Not available</p>

Kinematic viscosity	Not available
Solubility	Not available
Partition coefficient n-octanol / water (Log Kow)	Not available
vapour pressure	Not available
Vapour pressure at 50°C	Not available
Density	Not available
Relative density	Not available
Relative vapour density at 20°C	Not available
Particle characteristics	Not applicable

9.2 Other information.  
 No additional information available.

**Section 10  
 Stability & Reactivity**

- 10.1 **Reactivity.**  
 The product is non-reactive under normal conditions of use, storage and transport.
- 10.2 **Chemical stability.**  
 Stable under normal conditions.
- 10.3 **Possibility of hazardous reactions.**  
 No dangerous reactions known under normal conditions of use.
- 10.4 **Conditions to avoid.**  
 None under recommended storage and handling conditions (see Section 7).
- 10.5 **Incompatible materials.**  
 No additional information available.
- 10.6 **Hazardous decomposition products.**  
 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**Section 11**  
**Toxicological Information**

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008.**

**Acute toxicity**  
 Not classified.

<b>Trimethoxyvinylsilane (2768-02-7)</b>	
ATE CLP (dust, mist)	1.5mg / l / 4h
Skin corrosion / irritation Serious eye damage / irritation Respiratory or skin sensitisation	Not classified Not classified Results based on in vivo studies on laboratory animals determined that Trimethoxyvinylsilane (VTMO) has been classified for skin sensitization category 1B (H317) under Annex VI to Regulation (EC) No 1272/2008. Evidence acquired from testing conducted on the materials we use in our products has demonstrated that no allergic reactions have been reported after occupational exposure in VTMO mixtures of up to 5%. Due to lack of evidence of any sensitizing potential at this concentration or less, this product has not been classified as H317 1B as determined by expert judgement.
Germ cell mutagenicity Carcinogenicity Reproductive toxicity	Not classified Not classified Not classified
NOAEL (animal / male, F0 / P)	1000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Combined Repeated Dose and Reproductive / Developmental Toxicity Screening Test (Precursor Protocol of GL 422)
NOAEL (animal / female, F0 / P)	250 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Combined Repeated Dose and Reproductive / Developmental Toxicity Screening Test (Precursor Protocol of GL 422)



STOT - single exposure STOT - repeated exposure	Not classified Not classified
LOAEL (oral, rat, 90 days)	62.5 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
NOAEL (oral, rat, 90 days)	< 62.5 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Aspiration hazard	Not classified

11.2 Information on other hazards.  
 No additional information available.

**Section 12**  
**Ecological Information**

12.1 Toxicity.

**General ecology**

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

**Hazardous to the aquatic environment, short-term (acute)**

Not classified.

**Hazardous to the aquatic environment, long-term (chronic)**

Not classified.

Not rapidly degradable.

Trimethoxyvinylsilane (2768-02-7)	
LC50 - Fish [1]	> 100 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	168.7 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 957 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

**12.2 Persistence and degradability.**  
 No additional information available.

**12.3 Bioaccumulative potential.**  
 No additional information available.

**12.4 Mobility in soil.**  
 No additional information available.

**12.5 Results of PBT and vPvB assessment.**  
 No additional information available.

**12.6 Endocrine disrupting properties.**  
 No additional information available.

**12.7 Other adverse effects.**  
 No additional information available.

**Section 13  
 Disposal Considerations**

**13.1 Waste treatment methods.**  
 Dispose of contents/container in accordance with licensed collector's sorting instructions.

## Section 14

### Transport Information

In accordance with ADR / IMDG / IATA / ADN / RID.

**14.1 UN number or ID number.**

ADR, IMDG, IATA, ADN, RID  
Not applicable.

**14.2 UN proper shipping name.**

ADR, IMDG, IATA, ADN, RID  
Not applicable.

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

ADR, IMDG, IATA, ADN, RID  
Not applicable.

**14.4 Packing group**

ADR, IMDG, IATA, ADN, RID  
Not applicable.

**14.5 Environmental hazards.**

Not applicable.

**14.6 Special precautions for user.**

Not applicable.

**14.7 Maritime transport in bulk according to IMO instruments.**

Not applicable.

## Section 15

### Regulatory Information

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

**15.1.1 EU regulations.**

REACH Annex XVII (Restriction List)

Contains no REACH substances with Annex XVII restrictions.

**REACH Annex XIV (Authorisation List)**

Contains no REACH Annex XIV substances.

**REACH Candidate List (SVHC)**

Contains no substance on the REACH candidate list.

**PIC Regulation (Prior Informed Consent)**

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

**POP Regulation (Persistent Organic Pollutants)**

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

**Ozone Regulation (1005/2009)**

Contains no substance subject to Regulation (EU) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

**Explosives Precursors Regulation (2019/1148)**

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

**Drug Precursors Regulation (273/2004)**

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

**15.1.2 National regulations.**

No additional information available.

**15.2 Chemical safety assessment.**

No chemical safety assessment has been carried out.

**Section 16****Other Information****16.1 Abbreviations and acronyms.****ADN**

European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

**ADR**

European Agreement concerning the International Carriage of Dangerous Goods by Road

**ATE**

Acute Toxicity Estimate

**BCF**

Bioconcentration Factor

**BLV**

Biological Limit Value

**BOD**

Biochemical Oxygen Demand

**COD**

Chemical Oxygen Demand

**DMEL**

Derived Minimal Effect Level

**DNEL**

Derived-No Effect Level

**EC-No.**

European Community Number

**EC50**

Median Effective Concentration

**EN**

European Standard

**IARC**

International Agency for Research on Cancer

**IATA**

International Air Transport Association

**IMDG**

International Maritime Dangerous Goods

**LC50**

Median Lethal Concentration

**LD50**

Median Lethal Dose

**LOAEL**

Lowest Observed Adverse Effect Level

**NOAEC**

No-Observed Adverse Effect Concentration

**NOAEL**

No-Observed Adverse Effect Level

**NOEC**

No-Observed Effect Concentration

**OECD**

Organisation for Economic Co-Operation and Development

**OEL**

Occupational Exposure Limit

**PBT**

Persistent Bioaccumulative Toxic

**PNEC**

Predicted No-Effect Concentration

**RID**

Regulations concerning the International Carriage of Dangerous Goods by Rail

**SDS**

Safety Data Sheet

**STP**

Sewage Treatment Plant

**ThOD**

Theoretical Oxygen Demand

**TLM**

Median Tolerance Limit

**VOC**

Volatile Organic Compounds

CAS-No.

Chemical Abstract Service Number

N.O.S.

Not Otherwise Specified

vPvB

Very Persistent and Very Bioaccumulative

ED

Endocrine Disrupting Properties

16.2 Full text of H- and EUH- statements.

**Acute Tox. 4 (Inhalation: dust, mist)**

Acute toxicity (inhalation: dust, mist) category 4.

**EUH208**

Contains Trimethoxyvinylsilane (2768-02-7). May produce an allergic reaction.

**Flam. Liq. 3**

Flammable liquids, category 3.

**H226**

Flammable Liquid and Vapour.

**H317**

May cause an allergic reaction.

**H332**

Harmful if inhaled.

**Skin Sens. 1B**

Skin sensitisation, category 1B.

16.3 Other information.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.