

MS Polymer Construction

Safety Data Sheet

Compilation date: 25/11/2019
Revision No: 2

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

1.1. Product identifier

Product form : Mixture
Trade name : MS Polymer Construction Adhesive

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

1.2.1. Relevant identified uses

Main use category : Professional use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Cyanotec Ltd
Bay 2 , Building 62 Third Avenue
Pensnett Trading Estate
Kingswinford
West Midlands
T + 01384 294753 - F + 01384 297908
sales@cyanotec.com - www.cyanotec.com

1.4. Emergency telephone number

Emergency number : + 01384 294753 Office Hours Only

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements : EUH210 - Safety data sheet available on request
EUH208 - Contains N-(2-aminoethyl)-N'-[3-(trimethoxysilyl)propyl] ethylenediamine, Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate, 3-(2-aminoethylamino)propyltrimethoxysilane. May produce an allergic reaction

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
vinyltrimethoxysilane	(CAS No) 2768-02-7 (EC no) 220-449-8 (REACH-no) 01-2119513215-52	1 - 2,5	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Move to fresh air.
First-aid measures after skin contact : Wash with plenty of soap and water.
First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open.
- First-aid measures after ingestion : Rinse mouth.

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

- Symptoms/injuries after inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
Symptoms/injuries after skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.
Symptoms/injuries after eye contact : May cause slight irritation.
Symptoms/injuries after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire. All extinguishing media allowed.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not flammable.

5.3. Advice for firefighters

- Protection during firefighting : Wear a self contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Respiratory protection equipment may be necessary. Equip cleanup crew with proper protection.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : On land, sweep or shovel into suitable containers.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Precautions for safe handling : Warning! Avoid exposure.
 Handling temperature : 5 - 40 °C
 Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store tightly closed in a dry and cool place.
 Maximum storage period : 12 months
 Storage temperature : 5 - 25 °C

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

calcium carbonate (471-34-1)		
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³ inhalable dust 4 mg/m ³ respirable dust
methanol (67-56-1)		
EU	IOELV TWA (mg/m ³)	260 mg/m ³
EU	IOELV TWA (ppm)	200 ppm
EU	Skin	
United Kingdom	WEL TWA (mg/m ³)	266 mg/m ³
United Kingdom	WEL TWA (ppm)	200 ppm
United Kingdom	WEL STEL (mg/m ³)	333 mg/m ³
United Kingdom	WEL STEL (ppm)	250 ppm
Silane, dichlorodimethyl-, reaction products with silica (68611-44-9)		
United Kingdom	WEL TWA (mg/m ³)	6 mg/m ³
United Kingdom	WEL STEL (mg/m ³)	2,4 mg/m ³
tetramethyl orthosilicate (681-84-5)		
United Kingdom	WEL TWA (mg/m ³)	6,3 mg/m ³
United Kingdom	WEL TWA (ppm)	1 ppm
United Kingdom	WEL STEL (mg/m ³)	32 mg/m ³
United Kingdom	WEL STEL (ppm)	5 ppm
CI 77015 (1309-37-1)		
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³ inhalable 4 mg/m ³ respirable

8.2. Exposure controls

Personal protective equipment : Gloves. Safety glasses.
 Hand protection : In case of repeated or prolonged contact wear gloves
 Eye protection : Safety glasses
 Skin and body protection : No special clothing/skin protection equipment is recommended under normal conditions of use
 Respiratory protection : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation



Other information : Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
 Appearance : Paste.
 Colour : According to product specification.
 Odour : characteristic.
 Density : 1,48 g/cm³
 Solubility : Water: Insoluble

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Additional hazards when processed. release of (highly) toxic gases/vapours. Methanol.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

vinyltrimethoxysilane (2768-02-7)	
LD50 oral rat	7120 mg/kg
LD50 dermal rabbit	3540 mg/kg
LC50 inhalation rat (mg/l)	16,79 mg/l/4h
LC50 inhalation rat (ppm)	2773 ppm/4h (OECD 403 method)
LC50 inhalation rat (Dust/Mist - mg/l/4h)	16,8 mg/l/4h

Skin corrosion/irritation : Not classified
 Serious eye damage/irritation : Not classified
 Respiratory or skin sensitisation : Not classified
 Germ cell mutagenicity : Not classified
 Carcinogenicity : Not classified
 Reproductive toxicity : Not classified
 Specific target organ toxicity (single exposure) : Not classified
 Specific target organ toxicity (repeated exposure) : Not classified
 Aspiration hazard : Not classified

SECTION 12: Ecological Information

12.1. Persistence and degradability

vinyltrimethoxysilane (2768-02-7)	
LD50 Fish 1	191 mg/l
EC50 Daphnia 1	168,7 mg/l
EC50 Other aquatic organisms 1	210 mg/l

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

Parabond Construction

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Empty the packaging completely prior to disposal.
Waste disposal recommendations	: Dispose of contaminated materials in accordance with current regulations.
European List of Waste (LoW) code	: 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances

SECTION 14: Transport information

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

ADR

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Dangerous for the environment : No	Dangerous for the environment : No
------------------------------------	------------------------------------

No supplementary information available

14.6. Special precautions for user

- Overland transport

Transport regulations (ADR) : Not classified.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour
H332	Harmful if inhaled
EUH208	Contains. May produce an allergic reaction
EUH210	Safety data sheet available on request

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.