



## SAFETY DATA SHEET

According to the Committee's Regulation (EU) 453/2010

### **SECTION 1: Identification of the substance/mixture and of the company**

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#### **1.1. Product identifier:**

**Trade name**

**Assembly glue MS Polimer Glue**

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

**Relevant identified uses** assembly glue for smooth and porous surfaces

**Uses advised against**

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

Zakłady Chemiczne „ANSER” Sp. z o.o.

ul. J. Conrada 7, 01-922 Warszawa

ph.: +48 46 856 73 40, fax: +48 4 856 73 50

E-mail address of the person responsible for the safety data sheet: reach@anser.pl

#### **1.4. Emergency telephone number:**

**112** (24h)

### **SECTION 2: Hazards identification**

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

The mixture is not classified as hazardous according to the Regulation (EC) 1272/2008.

#### **Harmful effects for human health**

Repeated or prolonged exposure may cause irritation of the skin and eyes. Swallowing may be harmful.

#### **Harmful effects for the environment**

Unknown.

#### **Harmful effects related to physical-and-chemical properties**

Unknown.

#### **2.2. Elements of labelling**

Pictograms: does not apply.

Expressions indicting the type of hazard (R): does not apply.

Warning slogan: does not apply.

Expressions indicating safety measures (S): does not apply.

#### **2.3. Other hazards**

Substances contained in the mixture do not meet PBT and vPvB criteria in line with schedule 13<sup>th</sup> of the Regulation REACH.

### **SECTION 3: Composition/information on ingredients**

<b>Name</b>	<b>Content % mass</b>	<b>Substance identification numbers</b>	<b>Classification scc. to Regulation (EC) 1272/2008</b>
Vinyltrimethoxysiliane	0.9%	CAS: 2768-02-7 EC: 220-449-8 Index number:	Acute Tox. 4; H332
N-(3(trimethoxysilyl)-propyl) ethylenediamine	<0.1%	CAS: 1760-24-3 EC: 217-164-6 Index number:	Eye Irrit. 2; H319 Skin Irrit. 2; H315 Skin Sens. 1; H317
3(trimethoxysilyl)-propylamine	0.5%	CAS: 13822-56-5 EC: 237-511-5 Index number:	Eye Irrit. 2; H319 Skin Irrit. 2; H315
Dioctyltinbis(acetylacetonate)	<0.1%	CAS: 54068-28-9 EC: 483-270-6 Index number:	Skin Sens. 1; H317 Aquatic Chronic 3; H412
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate	0.3%	CAS: 52829-07-9 EC: 258-207-9 Index number:	Eye Irrit. 2; H319 Aquatic Chronic 2; H411
2-tert-butyl-6-(2-chlorophenyl)-4-methylphenol	0.3%	CAS: 3896-11-5 EC: - Index number:	Aquatic Chronic 4; H413

The full wording of phrases describing hazards is provided in section 16.

### **SECTION 4: First aid measures.**

#### **4.1. Description of first aid measures**

##### In case of exposure via respiratory tract

- Leave exposure area (or take the injured out of the exposure area).
- Assure peace and quiet to the injured as well as access to fresh air.
- Call the doctor if necessary.

##### In case of exposure through contact with the skin

- Take off soiled clothing.
- Wash off with plenty of water and soap.
- Consult the doctor in case of skin irritation.

##### In case of exposure through contact with the eyes

- Remove contact lenses.
- Wash with plenty of cool water for about 15 minutes with the lids open (avoid strong water stream due to the risk of damaging the cornea mechanically).
- In case of any adverse symptoms consultation with an oculist is necessary.

##### In case of exposure via alimentary tract

- If the person is conscious, give water.
- Do not provoke vomiting.
- Assure immediate medical assistance.

#### **4.2. The most important acute and delayed symptoms and effects of exposure**

Prolonged exposure may cause the irritation of the skin and eyes.

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

Decision as to the rescue procedure shall be taken by the doctor after careful examination of the condition of the injured.

### ***SECTION 5: Fire-fighting measures.***

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Proceed in line with the Fire Safety Instruction, if the recipient does not have one, the surrounding persons shall be notified about the failure. All persons not participating in repairing the failure shall be removed from the area at risk. Evacuation shall be ordered if needed. Small fires shall be put out with extinguishers on hand, in case of big fires, State Fire Service and the Police shall be notified.

#### **5.1. Extinguishing media**

Appropriate extinguishing media: suitable for the area on fire

Inappropriate extinguishing media: dependent on the area on fire.

#### **5.2. Special risks related to the mixture**

The product is not flammable but in the environment of a fire may produce dangerous gases and fumes.

#### **5.3. Information for the fire services**

The product is not flammable . Extinguishing media shall be suitable for the environment on fire.

Recommended protective gear for fire services - protective clothing with an independent breathing apparatus.

### ***SECTION 6: Proceeding in the event of accidental release to the environment***

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#### **6.1. Personal precautions, protective equipment and emergency procedures**

For persons not belonging to the personnel giving assistance

Limit access of outsiders to the emergency area until appropriate cleaning procedures have been completed. Avoid contact with skin and eyes. Use personal protection means.

For persons giving assistance

Avoid contact with the preparation. If necessary, use personal protection means – see section 8.

#### **6.2. Precautions related to environment protection**

Do not let the product get to the sewage system, ground and surface waters.

### **6.3. Methods and materials preventing the spread of contamination and aimed at removing contamination**

The product shall be collected to a closed container and contaminated surface rinsed with water. Waste shall be disposed of in line with binding law regulations (section 13).

### **6.4. References to other sections**

Personal protection means – section 8.

Waste shall be removed in line with the binding law provisions – section 13.

## ***SECTION 7: Mixture handling and storage***

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### **7.1. Precautions for safe handling**

During usage observe basic principles of hygiene of work with chemical products: do not eat or drink, avoid contact with the product, avoid contaminating eyes and skin. Wash hands during breaks at work. Avoid inhaling vapours. Do not use clothing contaminated with the product. Observe personal hygiene principles. Assure effective ventilation.

### **7.2. Conditions of safe storage including information on any mutual nonconformities**

Store in original appropriately marked and tightly closed packaging in dry places. Avoid fire and heat sources.

### **7.3. Specific end uses**

None.

## ***SECTION 8: Exposure controls/personal protection means***

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### **8.1. Control parameters**

No data for the product.

### **8.2. Exposure control**

#### Applied technical protection measures

Information provided in section 7.

#### Personal protection measures:

Eyes or face protection: protective glasses (not required under conditions).

- hand protection: resistant protective gloves.

- other: appropriate protective clothing.

Respiratory protection: masks with organic vapours absorbers (not required under standard conditions).

Thermal risks: does not apply.

#### Environment exposure protection

Mixture shall not access ground waters, sewage or soil.

## ***SECTION 9. Physical and chemical properties.***

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### **9.1. Information about general physical and chemical properties**

- Form white, thick paste

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• Odour	no
• Odour threshold	no data
• pH	does not apply
• Melting/solidification point	no data
• Boiling temperature	does not apply
• Flash point	no data
• Evaporation rate	does not apply
• Flammability (of solid substance, gas)	does not apply
• Lower explosive/combustion limit	does not apply
• Upper explosive/combustion limit	does not apply
• Vapour pressure	no data
• Vapour density	no data
• Relative density	ca. 1.5 g/cm <sup>3</sup>
• Solubility	no data
• Partition coefficient: n-octanol/water	not specified
• Self-ignition temperature	does not apply
• Decomposition temperature	no data
• Viscosity	no data
• Explosive properties	does not apply
• Oxidizing properties	does not apply

### 9.2. Other information

No data.

## SECTION 10: Stability and reactivity

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### 10.1. Reactivity

The product is not reactive under normal conditions.

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Does not react in a dangerous way with other substances.

### 10.4. Conditions to avoid

High temperature below. Ignition sources.

### 10.5. Incompatible materials

Strong oxidizers, strong bases, strong acids. Water and dampness may lower product quality.

### 10.6. Hazardous decomposition products

Carbon dioxide, carbon monoxide, nitrogen oxides and other gases.

## SECTION 11: Toxicological information.

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### 11.1. Information on toxicological effects

Acute toxicity:

Oral feed: LD<sub>50</sub> 20g/kg mouse

Acute toxicity: based on the data available, classification criteria are not met.

Irritating effect: may be irritating for the skin.

Caustic effect: based on the data available, classification criteria are not met.

Allergenic effect: based on the data available, classification criteria are not met.

Repeated dose toxicity: based on the data available, classification criteria are not met.

Carcinogenicity: based on the data available, classification criteria are not met.

Mutagenicity: based on the data available, classification criteria are not met.

Toxicity to reproduction: based on the data available, classification criteria are not met.

**Symptoms related to physical, chemical and toxicological properties:** no data.

**Delayed, immediate and prolonged effects of short- and long-term exposure:** no data.

**Consequences of mutual effect:** no data.

**Other information:** no data.

## SECTION 12: Ecological information.

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### 12.1. Toxicity:

No data for the product and its components.

### 12.2. Persistence and degradability

No data for the product.

### 12.3. Bio-accumulative potential

No data.

### 12.4. Mobility in soil

No data.

### 12.5. Results of PBT and vPvB assessment

The mixture's ingredients do not fulfil PBT and vPvB criteria.

### 12.6. Other adverse effects

Unknown.

## SECTION 13: Disposal considerations.

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### 13.1. Waste treatment methods

If possible, waste shall be recovered. Do not allow the contamination of surface and ground waters. In line with the law regulation in force in Poland, waste may be collected, neutralized, recovered or recycled only by authorised companies, and it may be given only to such companies. In case of doubt, waste disposal procedures shall be discussed and agreed with the local Environment Protection Inspection unit.

**Removal of mixture:** Consider the possibility of putting to use. Recommended manner of neutralizing: storage.

**Waste code:** 08 04 10 Wastes from adhesives and sealants other than listed in 08 04 09.

**Disposal of packaging:** recycling or neutralization of packaging waste shall be done in line with the binding law regulations. Used packaging may be disposed of as ordinary packaging waste.

**Waste code:** 15 01 01 – PACKAGING FROM PAPER OR CARDBOARD OR 15 01 02 – Packaging from plastics.

The following law regulations shall be observed:

The Act of 27 April 2001 on waste (Journal of Laws of 2001 no 62 item 628 as amended).

The Environment Minister Regulation of 27 September 2001 on waste catalogue (Journal of Laws of 2001 no 112, item 1206).

The Act of 11 May 2001 on packaging and Packaging waste (Journal of Laws of 2001 no 63, item 638 as amended).

#### **SECTION 14: Transport information.**

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<b>14.1. UN Number</b>	does not apply
<b>14.2. Proper UN transport name</b>	does not apply
<b>14.3. Hazard class in transport</b>	does not apply
<b>14.4. Packaging group</b>	does not apply
<b>14.5. Environmental risk</b>	does not apply
<b>14.6. Special precautions</b>	does not apply
<b>14.7. Bulk transport pursuant to schedule II to the convention MARPOL 73/78 and IBC code</b>	does not apply

#### **SECTION 15: Regulatory information.**

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

The Regulation of the Minister of Health of 21 December 2005 on essential requirements for individual protection measures (Journal of Laws of 2005 No. 259, item 2173).

The Act of 25 February 2011 on chemical substances and their mixtures (Journal of Laws of 2011 no. 63 item 322).

The Regulation of the Minister of Health of 20 April 2012 on labelling containers with hazardous substances, preparations and some chemical preparations (Journal of Laws of 2012 No. 0 item 445).

Directive 1999/45/EC of the European Parliament and Council of 31 May 1999 on harmonising the regulatory, executive and administrative provisions of Member States relating to the classification, labelling and packaging of hazardous substances and mixtures.

Regulation (EC) No 1907/2006 of the European Parliament and Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Regulation of the European Parliament and Council (EC) no. 1272/2008 of 16 December 2008 on the classification, labelling and packaging of hazardous substances and mixtures amending and repealing directives 67/548/EEC and 1999/45/EC and amending the directive (EC) no. 1907/2006 (Official Journal EU series L 353 of 31 December 2008 as amended).

Directive of the Committee (EC) no. 790/2009 of 10 August 2009 adjusting the Directive of the European Parliament and Council (EC) no. 1272/2008 of 16 December 2008 on the classification, labelling and packaging of substances and mixtures, to the technical-and-scientific progress.

Regulation of the Committee (EC) no. 453/2010 of 20 May 2010 amending the regulation No. 1906/2006 of the European Parliament and Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

European agreement on international transport of dangerous goods by road ADR (in force since January 1, 2005) (Journal of Laws of 2005, No. 178, item 1481).

The Act of 19 August 2011 on the transport of dangerous goods by road (Journal of Laws of 2011 no. 227, item 1367 as amended).

Regulation of the European Chemicals Agency of June 16<sup>th</sup> 2014 (ECHA/PR/13/40) regarding SVHC substances.

Regulation of the European Parliament and Council (EC) no. 334/2014 of 11 March 2014 amending the directive (EC) no. 528/2012 concerning the making available on the market and use of biocidal products, with regard to certain conditions for access to the market.

## 15.2. Chemical safety assessment

The producer of the mixture did not provide the evaluation of chemical safety.

## **SECTION 16: Other information.**

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### The explanation of abbreviations and acronyms used in the safety data sheet

PBT – Persistent, Bio-accumulative, Toxic.

vPvB – very Persistent and very Bio-accumulative.

Skin Irrit. 2 – Irritating effect to the skin of category 2.

Eye Irrit 2 – Irritating effect to the eyes of category 2. Carc. 2 – Carcinogenicity of category 2.

Skin Sens. 1 – Allergenic effect to the skin of category 1.

Acute Tox. 4 – Acute toxicity of category 4

Aquatic chronic 1 – Posing a risk to the aquatic environment of category 1.

Aquatic chronic 2 – Posing a risk to the aquatic environment of category 2.

Aquatic chronic 3 – Posing a risk to the aquatic environment of category 3.

H332 – Harmful if inhaled.

H315 – Irritating effect to the skin.

H319 – Irritating effect to the eyes.

H317 – May cause allergenic effect of the skin.

H411 – Toxic to aquatic organisms, causes prolonged consequences.

H412 – Harmful to aquatic organisms, causes prolonged consequences.

H413 – May cause prolonged harmful consequences to aquatic organisms.

#### References to key literature and sources

Safety data sheet of the mixture's ingredients. Data base of the European Commission Joint Research Centre.

Legal regulations.

#### Recommendations with regard to employee trainings

Prior to commencement of work, the employee shall be trained from within the scope of Work Safety and Hygiene regarding the handling of chemicals and appropriate on the job training.