

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**EGO SMP 822**

Revision date: 02.05.2023

Product code: 387000000

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

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

Adhesive

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

|                 |  |            |                     |
|-----------------|--|------------|---------------------|
| Company name:   | EGO Dichtstoffwerke GmbH & Co. Betriebs KG |            |                     |
| Street:         | Kaltenbrunn 27                             |            |                     |
| Place:          | D-82467 Garmisch-Partenkirchen             |            |                     |
| Telephone:      | +49 (0)8821 956 90                         | Telefax:   | +49 (0)8821 956 990 |
| e-mail:         | info@ego.de                                |            |                     |
| Contact person: | Laboratory                                 | Telephone: | +49 (0)8821 956 960 |
| e-mail:         | EGO-Labor@ego.de                           |            |                     |
| Internet:       | www.ego.de                                 |            |                     |

**1.4. Emergency telephone number:**

+49 55119240 (24h/7d)  
GIZ-Nord, Göttingen  
Member of EPECs network

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

**2.2. Label elements****Regulation (EC) No 1272/2008****Special labelling of certain mixtures**

|        |   |
|--------|---|
| EUH208 | Contains Vinyltrimethoxysilane. May produce an allergic reaction. |
| EUH210 | Safety data sheet available on request.                           |

**Additional advice on labelling**

The classification corresponds to the current EC listing, but is enhanced by specialised literature data and the Company's own information.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

preparation from MS polymer, fillers and auxiliary agents  
Mixture of substances listed below with nonhazardous additions.

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**Hazardous components**

| CAS No     | Chemical name   |          |                  | Quantity |
|------------|---|----------|------------------|----------|
|            | EC No   | Index No | REACH No         |          |
|            | Classification (Regulation (EC) No 1272/2008)             |          |                  |          |
| 2768-02-7  | Vinyltrimethoxysilane                                     |          |                  | < 1 %    |
|            | 220-449-8   |          | 01-2119513215-52 |          |
|            | Flam. Liq. 3, Acute Tox. 4, Skin Sens. 1B; H226 H332 H317 |          |                  |          |
| 52829-07-9 | Bis(2,2,6,6-Tetramethyl-4-piperidyl)sebacat               |          |                  | < 1 %    |
|            | 258-207-9   |          | 01-2119537297-32 |          |
|            | Repr. 2, Eye Dam. 1, Aquatic Chronic 2; H361f H318 H411   |          |                  |          |

Full text of H and EUH statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

| CAS No    | EC No  | Chemical name         | Quantity |
|-----------|--|-----------------------|----------|
|           | Specific Conc. Limits, M-factors and ATE   |                       |          |
| 2768-02-7 | 220-449-8  | Vinyltrimethoxysilane | < 1 %    |
|           | inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists) |                       |          |

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Change contaminated clothing.

In case of accident or if you feel unwell, seek medical advice immediately (show the packaging, label or safety data sheet if possible).

**After inhalation**

Move to fresh air. If symptoms persist, call a physician.

**After contact with skin**

In general the product is not irritant to skin.

Remove mechanically (e.g. dab away using wadding or cellulose material) then thoroughly wash the affected skin with a mild cleanser and water. If skin irritation persists, call a physician.

**After contact with eyes**

After contact with eye rinse immediately with lot of water at least 5 minutes with open eyelid. Subsequently consult an ophthalmologist. If easy to do, remove contact lens, if worn.

**After ingestion**

Rinse mouth thoroughly with water. In case of accident or if you feel unwell, seek medical advice immediately (show the packaging, label or safety data sheet if possible).

Possible decomposition products in case of hydrolysis are: Methanol

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

None known.

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

Possible decomposition products in case of hydrolysis are: Methanol

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**Foam. Dry extinguishing powder. Carbon dioxide (CO<sub>2</sub>). Atomized water.**Unsuitable extinguishing media**

High power water jet.

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

In the event of fire the following can be released: Carbon dioxide (CO<sub>2</sub>), Carbon monoxide.

**5.3. Advice for firefighters**

Protective clothing. In case of fire: Wear self-contained breathing apparatus.

Prevent fire extinguishing water from contaminating surface water or the ground water system.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Wear suitable protective clothing.

Avoid contact with the skin and the eyes.

Ensure adequate ventilation.

**For non-emergency personnel**

Remove from all sources of ignition. Provide adequate ventilation. Wear personal protection equipment.

**For emergency responders**

Wear personal protection equipment.

**6.2. Environmental precautions**

Do not flush into surface water or sanitary sewer system.

**6.3. Methods and material for containment and cleaning up****For containment**

Cover the sewers.

**For cleaning up**

Absorb with liquid-binding material ( e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect mechanically. Dispose of in accordance with local regulations.

**Other information**

Ensure adequate ventilation.

**6.4. Reference to other sections**

See also section 7, 8, 13

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

When using do not eat, drink or smoke. Wash hands when done working with material; at breaks, lunch, shift changes, etc. Provide adequate ventilation. Avoid contact with skin, eye and clothing.

**Advice on protection against fire and explosion**

No special precautions required.

**Advice on general occupational hygiene**

When using, do not eat, drink or smoke. Wash hands when done working with material; at breaks, lunch, shift changes, etc.

Handle in accordance with good industrial hygiene and safety practice.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep containers tightly closed in a dry, cool and well-ventilated place.

**Hints on joint storage**

Not required

**Further information on storage conditions**

Keep containers dry and tightly closed to avoid moisture absorption and contamination.

**7.3. Specific end use(s)**

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Adhesive

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Additional advice on limit values**

The product does not contain any relevant quantities with workplace related limits to be monitored.

**8.2. Exposure controls****Individual protection measures, such as personal protective equipment****Eye/face protection**

Safety glasses

**Hand protection**

Avoid contact with skin.

Protective gloves complying with EN 374. Suitable material: butyl-rubber, Nitrile rubber, PVC, Chloroprene, Fluorinated rubber, Natural Rubber.

Wearing time >480 minutes

Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

**Skin protection**

Protective suit

**Respiratory protection**

No personal respiratory protective equipment normally required.

Provide adequate ventilation. Do not breathe vapour.

**Thermal hazards**

Do not heat the product.

Under fire conditions: Flame-resistant clothing

Low temperature resistant gloves: not required

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|   |         |                        |
|---|---------|------------------------|
| Physical state:   | Paste   |                        |
| Colour:   | various |                        |
| Odour:  | slight  |                        |
| Melting point/freezing point:                             |         | not determined         |
| Boiling point or initial boiling point and boiling range: |         | not applicable         |
| Flammability:   |         | not applicable         |
| Lower explosion limits:                                   |         | not applicable         |
| Upper explosion limits:                                   |         | not applicable         |
| Flash point:  |         | >60 °C                 |
| Auto-ignition temperature:                                |         | not determined         |
| Decomposition temperature:                                |         | not applicable         |
| pH-Value:   |         | not determined         |
| Water solubility:   |         | insoluble              |
| Vapour pressure:  |         | 135 hPa                |
| (at 20 °C)  |         |                        |
| Density:  |         | 1,64 g/cm <sup>3</sup> |
| Particle characteristics:                                 |         | not applicable         |

**9.2. Other information**

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**Information with regard to physical hazard classes**Explosive properties  
not Explosive.**Other safety characteristics**

Viscosity / dynamic:

not applicable

**Further Information**

The product is: not auto-flammable

**SECTION 10: Stability and reactivity****10.1. Reactivity**

polymerisation initiators: moisture.

**10.2. Chemical stability**The product is chemically stable.  
No decomposition if used as directed.**10.3. Possibility of hazardous reactions**

No dangerous reaction known under conditions of normal use.

**10.5. Incompatible materials**

None known.

**10.6. Hazardous decomposition products**

None known.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Health injuries are not known or expected under normal use.

| CAS No    | Chemical name         |              |         |        |        |
|-----------|-----------------------|--------------|---------|--------|--------|
|           | Exposure route        | Dose         | Species | Source | Method |
| 2768-02-7 | Vinyltrimethoxysilane |              |         |        |        |
|           | inhalation vapour     | ATE 11 mg/l  |         |        |        |
|           | inhalation dust/mist  | ATE 1,5 mg/l |         |        |        |

**Irritation and corrosivity**No skin irritation.  
No eye irritation.**Sensitising effects**

No sensitisation responses were observed.

**Carcinogenic/mutagenic/toxic effects for reproduction**

None known.

**STOT-single exposure**

None known.

**STOT-repeated exposure**

None known.

**Aspiration hazard**

None known.

**Information on likely routes of exposure**

Skin contact

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**Practical experience**

None known.

**SECTION 12: Ecological information****12.1. Toxicity**

Do not allow uncontrolled leakage of product into the environment. This product has no known eco-toxicological effects.

**12.2. Persistence and degradability**

This information is not available.

**12.3. Bioaccumulative potential**

This information is not available.

**12.4. Mobility in soil**

This information is not available.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII. not applicable

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

This information is not available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Dispose of waste according to applicable local, state, and federal regulations.

**List of Wastes Code - residues/unused products**

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09

**List of Wastes Code - used product**

080404

**Contaminated packaging**

Dispose of waste according to applicable local, state, and federal regulations.

**SECTION 14: Transport information****Land transport (ADR/RID)****14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

**14.4. Packing group:**

No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)****14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

**14.4. Packing group:**

No dangerous good in sense of this transport regulation.

Marine pollutant:

no

**Air transport (ICAO-TI/IATA-DGR)**

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- 14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 2,6,7,8,9,11,15,16.

**Abbreviations and acronyms**

CLP: Classification, labelling and Packaging  
REACH: Registration, Evaluation and Authorization of Chemicals  
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
UN: United Nations  
CAS: Chemical Abstracts Service  
DNEL: Derived No Effect Level  
DMEL: Derived Minimal Effect Level  
PNEC: Predicted No Effect Concentration  
ATE: Acute toxicity estimate  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%  
LL50: Lethal loading, 50%  
EL50: Effect loading, 50%  
EC50: Effective Concentration 50%  
ErC50: Effective Concentration 50%, growth rate  
NOEC: No Observed Effect Concentration  
BCF: Bio-concentration factor  
PBT: persistent, bioaccumulative, toxic  
vPvB: very persistent, very bioaccumulative  
ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
RID: Regulations concerning the international carriage of dangerous goods by rail  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)  
IMDG: International Maritime Code for Dangerous Goods  
EmS: Emergency Schedules  
MFAG: Medical First Aid Guide  
IATA: International Air Transport Association

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ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

VOC: Volatile Organic Compounds

SVHC: Substance of Very High Concern

**Relevant H and EUH statements (number and full text)**

|        |   |
|--------|---|
| H226   | Flammable liquid and vapour.                                      |
| H317   | May cause an allergic skin reaction.                              |
| H318   | Causes serious eye damage.  |
| H332   | Harmful if inhaled.   |
| H361f  | Suspected of damaging fertility.                                  |
| H411   | Toxic to aquatic life with long lasting effects.                  |
| EUH208 | Contains Vinyltrimethoxysilane. May produce an allergic reaction. |
| EUH210 | Safety data sheet available on request.                           |

**Further Information**

These data describe only the safety requirements for the product(s) and are based on our present knowledge. However, they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*