

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO HYBRID 820

Revision: 09.04.2026

Product code: 420000000

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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 | Trimethoxyvinylsilan | < 1 % |
| | | inhalation: LC50 = 16,8 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = 3200 mg/kg; oral: LD50 = 7120 mg/kg | |

Further Information

This product does not contain any reportable Eu-listed Substances of Very High Concern (SVHC) in a concentration of $\geq 0,1\%$ (Regulation (EC) No 1907/2006 (REACH), Article 59)

When classifying the ingredients, we refer to the information provided to us by our suppliers.

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

No hazards which require special first aid measures.

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

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

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

This information is not available.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Foam. Dry extinguishing powder. Carbon dioxide (CO₂). Atomized water.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon dioxide (CO₂), 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

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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.
If the product contaminates rivers and lakes or drains inform respective authorities.

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

Cover the sewers.

For cleaning up

Collect mechanically. Cleaning with white-spirit possible.

Other information

Ensure adequate ventilation.

6.4. Reference to other sections

See protective measures under point 7 and 8.

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

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

Advice on protection against fire and explosion

No special precautions required.

Advice on general occupational hygiene

Take off all contaminated clothing immediately.
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)

Sealant / Adhesive

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

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PNEC values

| CAS No | Name of agent | |
|---|----------------------|-------------|
| Environmental compartment | | Value |
| 2768-02-7 | Trimethoxyvinylsilan | |
| Freshwater | | 0,34 mg/l |
| Freshwater (intermittent releases) | | 3,4 mg/l |
| Marine water | | 0,034 mg/l |
| Freshwater sediment | | 0,27 mg/kg |
| Microorganisms in sewage treatment plants (STP) | | 110 mg/l |
| Soil | | 0,046 mg/kg |

Additional advice on limit values

To date, no national critical limit values exist.

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

Safety glasses

Hand protection

Avoid contact with skin.

The glove material has to be impermeable and resistant to the product. Due to a lack of tests, we cannot recommend the glove material for the product. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Protective gloves complying with EN 374.

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.

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: | |
| Odour: | odourless |
| Odour threshold: | Not relevant |

Test method

| | |
|---|----------------|
| Melting point/freezing point: | not determined |
| Boiling point or initial boiling point and boiling range: | not determined |
| Flammability: | not applicable |
| Lower explosion limits: | not determined |
| Upper explosion limits: | not determined |
| Flash point: | not determined |
| Auto-ignition temperature: | not determined |

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| | |
|--|--------------------------------|
| Decomposition temperature: | not determined |
| pH-Value: | not determined |
| Viscosity / kinematic: | not determined ASTM D 445 |
| Water solubility: | insoluble |
| Dissolution rate: | not determined |
| Partition coefficient n-octanol/water: | not determined |
| Vapour pressure: | not determined |
| Density: | approx. 1,34 g/cm ³ |
| Particle characteristics: | not applicable |

9.2. Other information**Information with regard to physical hazard classes**

Explosive properties

The product is: not Explosive.

Self-ignition temperature

Solid:

not auto-flammable

Oxidizing properties

none

Other safety characteristics

Viscosity / dynamic:

not determined

Further Information

The product is: not auto-flammable

SECTION 10: Stability and reactivity**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.

10.4. Conditions to avoid

Exposure to moisture.

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.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg

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| CAS No | Chemical name | | | | |
|-----------|-------------------------|---------------|-----------|--------|----------------------------|
| | Exposure route | Dose | Species | Source | Method |
| 2768-02-7 | Trimethoxyvinylsilan | | | | |
| | oral | LD50 mg/kg | 7120 | rat | OECD Test Guideline 401 |
| | dermal | LD50 mg/kg | 3200 | rabbit | OECD Test Guideline 402 |
| | inhalation (4 h) vapour | LC50 | 16,8 mg/l | rat | OECD Test Guideline 403 |
| | inhalation dust/mist | ATE | 1,5 mg/l | | |

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Information on likely routes of exposure

Skin contact

Specific effects in experiment on an animal

None known.

Practical experience

None known.

11.2. Information on other hazards**Further information**

Health injuries are not known or expected under normal use.

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

| CAS No | Chemical name | | | | | |
|-----------|--------------------------|------|-----------|---------|---|--------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 2768-02-7 | Trimethoxyvinylsilan | | | | | |
| | Acute fish toxicity | LC50 | 191 mg/l | 96 h | Oncorhynchus mykiss (rainbow trout) | |
| | Acute crustacea toxicity | EC50 | 169 mg/l | 48 h | Daphnia magna (Water flea) | |
| | Algae toxicity | NOEC | 25 mg/l | 3 d | Scenedesmus capricornutum (fresh water algae) | |
| | Crustacea toxicity | NOEC | 28 mg/l | 21 d | Daphnia magna (Water flea) | |

12.2. Persistence and degradability

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| CAS No | Chemical name | Method | Value | d | Source |
|-----------|------------------------|------------|-------|----|--------|
| | | Evaluation | | | |
| 2768-02-7 | Trimethoxyvinylsilan | | | | |
| | | | 51 % | 28 | |
| | Readily biodegradable. | | | | |

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

080409 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 containing organic solvents or other hazardous substances; hazardous waste

List of Wastes Code - used product

080409 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 containing organic solvents or other hazardous substances; hazardous waste

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. |

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Air transport (ICAO-TI/IATA-DGR)

| | |
|--|--|
| 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 |
| Marine pollutant: | 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****EU regulatory information**

Restrictions on use (REACH, annex XVII):
Entry 69

National regulatory information

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

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 2,3,6,7,9,11.

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Abbreviations and acronyms

Flam. Liq. 3: Flammable liquids, hazard category 3
Acute Tox. 4: Acute toxicity, hazard category 4
Skin Sens. 1B: Skin sensitisation, hazard category 1B
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
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. |
| H332 | Harmful if inhaled. |
| EUH208 | Contains Trimethoxyvinylsilan. 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 relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)