

Safety data sheet
acc. to (EC) No 1907/2006, as amended by UK SI 2019/758

Printing date 09.06.2021

Version number 8

Revision: 09.06.2021

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

· **1.1 Product identifier**

· **Trade name:** illbruck GS300

· **MSDS code:** TK-I-GS300

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

Keep out of reach of children.

-

· **Application of the substance / the mixture** Sealant

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

· **Manufacturer/Supplier:**

Tremco CPG Netherlands B.V.

tremco illbruck Productie B.V.

Vlietskade 1032, 4241 WC Arkel

T: +31 (0) 183568000, F: +31 (0) 183568100

msds@cpg-europe.com

· **Further information obtainable from:**

Tremco CPG UK Ltd

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Coupland Road, Hindley Green, Wigan, WN2 4HT

T: +44 (0) 1942251400, F: +44 (0) 1942251410

www.cpg-europe.com, info.uk@cpg-europe.com

· **1.4 Emergency telephone number:**

During office hours tel.: +44 (0) 1942251400. At all other times it is recommended to call NHS 111 (England/Wales/Scotland), your local GP/pharmacist (NI), 01 809 2166 (ROI), or otherwise to contact a doctor.

SECTION 2: Hazards identification

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

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

The product is not classified, according to the CLP regulation.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008** Void

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

· **Supplemental information:**

EUH208 Contains 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

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· **vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients**· **3.2 Mixtures**· **Description:** Mixture of substances listed below with non-hazardous additions.· **Dangerous components:**

| | | |
|--|--|-------|
| CAS: 17689-77-9 EINECS: 241-677-4 Reg.nr.: 01-2119881778-15-xxxx | triacetoxyethylsilane Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302 | 1-<5% |
| | oligomer ethyl- and methyl acetoxysilanes Skin Corr. 1B, H314; Eye Dam. 1, H318 | 1-<5% |

· **Additional information:**

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

While curing the following substances are formed and released by a reaction with atmospheric humidity:

Ethanoic acid

SECTION 4: First aid measures· **4.1 Description of first aid measures**· **General information:** Take affected persons out of danger area and lay down.· **After inhalation:** Supply fresh air; consult doctor in case of complaints.· **After skin contact:**

Treat affected skin with cotton wool or cellulose. Then wash and rinse thoroughly with water and a mild cleaning agent.

If symptoms persist consult doctor.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Do not induce vomiting; call for medical help immediately.

Rinse out mouth and then drink plenty of water.

· **Information for doctor:** No further relevant information available.· **4.2 Most important symptoms and effects, both acute and delayed**

Contains 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one. May produce an allergic reaction.

· **Hazards** No further relevant information available.· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures· **5.1 Extinguishing media**· **Suitable extinguishing agents:**

Water haze

Fire-extinguishing powder

Alcohol resistant foam

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- Carbon dioxide (CO₂)
- Sand
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture** Ethanoic acid
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Do not flush with water or aqueous cleansing agents
Pick up mechanically.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the material collected according to regulations.
Warm water and cleansing agent
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
The usual precautionary measures are to be adhered to when handling chemicals.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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· **Additional Occupational Exposure Limit Values for possible hazards during processing:**

While curing the following substances are formed and released by a reaction with atmospheric humidity:
acetic acid (CAS 64-19-7)

CAS: 64-19-7 acetic acid

| | |
|-----|---|
| WEL | Short-term value: 50 mg/m ³ , 20 ppm Long-term value: 25 mg/m ³ , 10 ppm |
|-----|---|

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Avoid contact with the eyes and skin.

Avoid breathing vapours.

Do not eat or drink while working.

· **Respiratory protection:**

Filter ABEK

Use suitable respiratory protective device in case of insufficient ventilation.

For further guidance,

please refer to HSE HSG53 "Respiratory Protective Equipment at work - A Practical Guide".

· **Protection of hands:**



Protective gloves

· **Material of gloves**

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.1 mm

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Recommendation:

≥ 1 -2 hours

· **Eye protection:**



Tightly sealed goggles

· **Body protection:**



Protective work clothing

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SECTION 9: Physical and chemical properties

| | |
|--|---|
| · 9.1 Information on basic physical and chemical properties | |
| · General Information | |
| · Appearance: | |
| Form: | Pasty |
| Colour: | According to product specification |
| · Odour: | Characteristic |
| · Odour threshold: | Not determined. |
| · pH-value: | |
| Melting point/freezing point: | Undetermined. |
| Initial boiling point and boiling range: | Not applicable. |
| · Flash point: | >151 °C |
| · Flammability (solid, gas): | Not determined. |
| · Decomposition temperature: | Not determined. |
| · Auto-ignition temperature: | Product is not selfigniting. |
| · Explosive properties: | Product does not present an explosion hazard. |
| · Vapour pressure: | Not applicable. |
| · Density at 20 °C: | 1.02 g/cm ³ |
| · Solubility in / Miscibility with water: | Insoluble. |
| · Viscosity: | |
| Dynamic at 20 °C: | 800000 mPas |
| · Solvent content: | |
| VOC (EC) | 0,0 g/L ; 0,0% |
| · 9.2 Other information | No further relevant information available. |

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Water / moisture.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
Ethanoic acid

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Beginning at approx. 150 °C small amounts of formaldehyde are formed by an oxidative decomposition.

SECTION 11: Toxicological information· **11.1 Information on toxicological effects**

- **Acute toxicity** Based on available data, the classification criteria are not met.

| | | |
|--|------|-----------------------|
| · LD/LC50 values relevant for classification: | | |
| Dermal | LD50 | >2,009 mg/kg (rabbit) |

- **Primary irritant effect:**

- **Skin corrosion/irritation** No irritant effect.

- **Serious eye damage/irritation** No irritating effect.

- **Respiratory or skin sensitisation**

Contains 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one. May produce an allergic reaction.

- **Additional toxicological information:**

- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**

- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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

- **Reproductive toxicity** 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.

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **12.2 Persistence and degradability** Not easily biodegradable

- **12.3 Bioaccumulative potential** No further relevant information available.

- **12.4 Mobility in soil** Insoluble.

- **Additional ecological information:**

- **General notes:**

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

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

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

Dispose of contents/container in accordance with local/regional/national/international regulations.

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- **European waste catalogue**

| | |
|-----------|--|
| 08 04 09* | waste adhesives and sealants containing organic solvents or other hazardous substances |
|-----------|--|

- **Uncleaned packaging:**

- **Recommendation:**

Dispose of packaging according to regulations on the disposal of packagings.

Empty packages totally (without drops or grains, cleaned with a spatula). Under observation of the relevant local respectively national regulations re-use or recycling is preferred.

SECTION 14: Transport information

- **14.1 UN-Number**

- **ADR, ADN, IMDG, IATA** Void

- **14.2 UN proper shipping name**

- **ADR, ADN, IMDG, IATA** Void

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

- **ADR, ADN, IMDG, IATA**

- **Class** Void

- **14.4 Packing group**

- **ADR, IMDG, IATA** Void

- **14.5 Environmental hazards:**

- **Marine pollutant:** No

- **14.6 Special precautions for user**

Not applicable.

- **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

- **UN "Model Regulation":**

Void

SECTION 15: Regulatory information

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

"CLP" Regulation (EC) No 1272/2008 (OJ L 353, 31.12.2008, p.1).

"REACH" Regulation (EC) No 1907/2006 (OJ L 396, 30.12.2006, p.1, with subsequent amendments).

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

HSE EH40/2005 Workplace Exposure Limits (as amended)

Guidance on the classification and assessment of waste | Technical Guidance WM3 (1st edition 2015)

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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· Relevant phrases

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

· Department issuing SDS:

Prepared and verified in accordance with "REACH" Regulation (EC) No 1907/2006, Annex II, Part A, 0.2.3.

· Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

· * Data compared to the previous version altered.

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