

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

• 1.1 Product identifier

Trade name: bergmann Solar paint primer

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

No further relevant information available.

• **Application of the substance / the preparation** Primer

• 1.3 Information about the supplier providing this safety data sheet

• **Manufacturer/supplier:**

Schwender GmbH
Rehleite 2
D-95445 Bayreuth
Tel +49 921 16867141 Fax +49 921 7313551
Web www.schwender-gmbh.com

• **Further information obtainable from:**

Product safety division
email: thomas.lohse@maxit-kroelpa.de

1.4 Emergency telephone number:

Giftnotruf Erfurt
Nordhäuserstr.74
99089 Erfurt
Telefon: 0049 - (0)361 - 730 730

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

• **Classification according to Regulation (EC) No. 1272/2008** Not applicable

• **Hazard pictograms** Not applicable

• **Signal word** Not applicable

• **Safety precautions** Not applicable

• **Supplemental hazard information:** EUH208 Contains 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one, in non-respirable form. May produce an allergic reaction.

- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Primer on the basis of alcoxysilane, siloxane and water.
- **Hazardous ingredients:** Not applicable
- **Additional information:** For the wording of the listed risk phrases refer to Section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
 - **General information:**
Self-protection of the first aid responder.
Move exposed person to safe area.
In case of complaints, seek medical treatment and show this data sheet to the doctor.
 - **After inhalation:** Supply fresh air; consult doctor in case of complaints.
 - **After skin contact:** Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a 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. Seek immediate medical advice. Rinse mouth and drink plenty of water.
- **4.2 Most important symptoms and effects, both acute and delayed**
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:**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.

- **5.3 Advice for firefighters**
- **Special protective equipment** Ensure protective equipment is suitable for the surrounding fire.
- **Additional information**
Dispose of fire debris and contaminated firefighting water in accordance with official regulations.
Collect contaminated firefighting water separately and do not allow to enter drains.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear personal protection equipment.
- **6.2 Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter drains/surface water/ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste according to regulations.
- **6.4 Reference to other sections** See section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Keep containers tightly sealed. Store in cool dry place in tightly closed containers.
- **Information about fire and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
 - **Storage:**
 - **Requirements to be met by storerooms and containers:** Store only in unopened, original containers.
 - **Information about storage in one common storage facility:** Store away from foodstuffs.
 - **Further information about storage conditions:** Protect from frost or freezing temperatures.
Protect from heat and direct sunlight.
Recommended storage temperature: +5 to +30°C
- **Storage class:** 12
- **Classification according to Ordinance of Industrial Safety and Health:** -
- **7.3 Specific end uses** No further relevant information available.
- **GISCODE** M-GF01

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see Section 7.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of ingredients with limit values that require monitoring at the workplace
- **Additional information:** The lists that were valid during the compilation were used as basis.

- **8.2 Exposure controls:**
- **Personal protective equipment:**
 - **General protective and hygienic measures:**
 - Avoid contact with skin and eyes.
 - Take off immediately any contaminated, soaked clothing.
 - Keep away from foodstuffs, beverages.
 - Wash hands before break and at the end of work.
 - After application of the product, use moisturising skin cream.
 - **Respiratory protection:** Not necessary if room is well-ventilated.
 - **Protection of hands:**
 - Gloves with CE-label recommended according to EN 374.
 - The glove material has to be impermeable and resistant to the product/the substance/the preparation.
 - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
 - **Material of gloves** For guidance on selection of suitable gloves, go to the following website:
<http://www.gisbau.de> Nitrile rubber
- **Penetration time of glove material** For the preparation, the penetration time has to be at least ≥ 480 minutes (permeation according to EN 374, part 3: level 6).
- **Eye protection:** Safety goggles recommended during refilling according to EN 166:2001.
- **Body protection:** Protective work clothing.

SECTION 9: Physical and chemical properties

Trade name: bergmann Solar paint primer

- **Colour:** Milky-white
- **Odour:** Mild, characteristic
- **ph-value at 20°C:** 9 (DIN 19261)
- **Physical state Boiling point and boiling range:** 100°C
- **Flash point:** Not applicable.
- **Self-ignition temperature:** The product is not self-igniting.
- **Danger of explosion:** The product does not present an explosion hazard
- **Vapour pressure at 20°C:** 23 hPa (calculated)
- **Density:** No data available. Not determined.
- **Solubility in/miscibility with**
 - Water:** Fully miscible
- **Viscosity:**
 - Dynamic :** Not determined.
 - Kinematic:** Not determined.
- **Solvent content: VOC (EU)** EU limit value for this product (cat. A/h): 30 g/l (2010). This product contains max. 30 g/l of VOC.
- **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** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
 - **Acute toxicity** Based on available data, the classification criteria are not met.
 - **Primary irritant effect:**
 - **Skin corrosion/irritation** No information currently available.
 - **Serious eye damage/eye irritation** Causes eye discomfort.
 - **Respiratory/skin sensitisation**

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

- **CMR effects (carcinogenic, mutagenic or toxic 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.
- **Specific target organ toxicity after single exposure**

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

- **Specific target organ toxicity after 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** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.

- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**

- **General information:**

Water hazard class 1 (self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effect** No further relevant information available

SECTION 13: Disposal considerations

• 13.1 Waste treatment methods

• Recommendation:

Observe local laws and regulations.

Small amounts can be disposed of together with household garbage.

• European waste catalogue

Possible waste codes: The specific waste disposal code depends on the origin of the waste.

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANT AND PRINTING INKS
08 01 00	Wastes from MFSU and removal of paint and varnish
08 01 20	Aqueous suspensions containing paint or varnish other than those mentioned under 08 01 19

• Uncleaned packaging:

• Recommendation:

Empty contaminated packaging thoroughly. It can be recycled after appropriate cleaning.

• **Recommended cleaning agent:** Water, if necessary adds cleaning agents

SECTION 14: Transportation information

14.1 UN number

ADR, ADN, IMDG, IATA

Not applicable

14.2 UN proper shipping name

• ADR, ADN, IMDG, IATA

Not applicable

• 14.3 Transport hazard classes

• ADR, ADN, IMDG, IATA

• Class:

Not applicable

• 14.4 Packaging group

• ADR, IMDG, IATA

Not applicable

SECTION 15: Regulatory information

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

- **Directive 2012/18/EU**
- **Named dangerous substances – ANNEX I** None of the ingredients is listed.
- **National regulations:**
- **Water hazard class:** Water hazard class 1 (self-assessment): slightly hazardous for water.

- **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.

- **Department issuing safety data sheet:** Department for Product Safety Maxit
- **Contact:**

Mr Lohse

Ms Andratschke

- **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

CLP: Classification, labelling and packaging (Regulation (EC) No. 1272/2008)

REACH: Registration, Evaluation and Authorisation of Chemicals (Regulation (EC) No. 1907/2006)

ADR: Accord européen sur le transport 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)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

- *** Indication of where changes have been made to the previous version**