

Starlike[®]

tile products

Safety Data Sheet

The Tile Doctor Starlike[®] Grout (comp. B)
According to 1907/2006/EC (REACH), Article 31

Current Revision 5/15/15

SECTION 1 — CHEMICAL PRODUCT AND COMPANY INFORMATION

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- Product details
- Trade name: The Tile Doctor Starlike[®] Grout (comp. B)
- Application of the substance / the preparation: Two part epoxy mortar

SECTION 2 — HAZARDS IDENTIFICATION

Hazard description

Irritant 

- Information concerning particular hazards for human and environment:

Irritating to eyes and skin.
May cause sensitization by skin contact.
Keep out of the reach of children.
Avoid contact with skin and eyes.
Wear suitable gloves.
Use with adequate ventilation. Do not breathe vapors.

SECTION 3 — COMPOSITION/ INFORMATION ON INGREDIENTS

- Chemical characterization
- Description: Mixture of substances listed below with nonhazardous additions.
- Dangerous components:

reaction product: 3,6-diazaoctanethylenediamin
Skin Corr. 1B, Acute Tox. 4, Skin Sens. 1,
Aquatic Chronic 3

CAS: 112-24-3
EINECS: 203-950-6
Index number: 612-059-00-5

2.5-10%

3,6,9-triazaundecamethylenediamine
Skin Corr. 1B, Acute Tox. 4, Skin Sens. 1,
Aquatic Chronic 2

CAS: 112-57-2
EINECS: 203-986-2
Index number: 612-060-00-0

2.5-10%

- Additional information: For the wording of the listed risk phrases refer to section 16.

SECTION 4 — FIRST- AID MEASURES

After inhalation: Move exposed person to fresh air. If not breathing provide artificial respiration or oxygen by trained personnel. Get medical attention immediately.

After skin contact: Immediately wash with water and soap and rinse thoroughly with water. Get medical attention immediately.

After eye contact: Check for and remove any contact lens. Immediately flush open eyes with plenty of water for 15 minutes. Get medical attention immediately.

After swallowing: Do not induce vomiting. Rinse out mouth and then drink plenty of water. Never give anything by mouth to an unconscious person. Get medical help immediately.

SECTION 5 — FIRE - FIGHTING MEASURES

· Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· Protective equipment:

Do not inhale explosion gases or combustion gases.

Wear suitable fire protection equipment.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Not required.

· Measures for environmental protection:

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

· Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

Dispose of the material collected according to regulations.

SECTION 7 — HANDLING AND STORAGE

· Handling:

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

· Information about fire - and explosion protection: No special measures required.

· 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: Keep container tightly sealed.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

- Additional information about design of technical facilities: No further data; see item 7.
- Ingredients with limit values that require monitoring at the workplace:
 - 12-24-3 3,6-diazaoctanethylenediamin · Long-term value: 6 mg/m³, 1 ppm Skin
 - 112-57-2 3,6,9-triazaundecamethylenediamine · Long-term value: 5 mg/m³ Skin; DSEN
- Additional information: The lists valid during the making were used as basis.

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.
 Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing
 Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. Keep away from tobacco products.

Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:

Protective gloves: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material: The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Tightly sealed goggles

Body protection: Light weight protective clothing

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Fluid
COLOR:	Amber colored
ODOR:	Odorless
CHANGE IN CONDITION:	· Melting point/Melting range: Undetermined. Boiling point 200 C
FLASH POINT:	130 C
SELF-IGNITING:	Product is not self igniting
DANGER OF EXPLOSION:	Product does not present an explosion hazard
Density Vapor density at 20°C	0.98 g/cm ³ 0.5 hPa
Solubility in / Miscibility with water	Partly soluble

SECTION 10 — STABILTY AND REACTIVITY

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Materials to be avoided: Acids and oxidants.
- Dangerous reactions: No dangerous reactions known.
- Dangerous decomposition products: No dangerous decomposition products known.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute toxicity: LD/LC50 values relevant for classification:
112-57-2 3,6,9-triazaundecamethylenediamine
Dermal LD50 660 mg/kg (rabbit)

- Primary irritant effect:
 - on the skin: Irritant to skin and mucous membranes.
 - on the eye: Irritating effect.
- Sensitization: Sensitization possible through skin contact.
- Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant

- Sensitization: May cause sensitization by skin contact.

SECTION 12 — ECOLOGICAL INFORMATION

- Ecotoxicological effects:
 - Remark: Harmful to fish

- General notes:

Harmful to aquatic organisms

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

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.

SECTION 13 — DISPOSAL CONSIDERATIONS**Product:****Recommendation**

Disposal must be made according to official regulations.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14 — TRANSPORT INFORMATION

Land transport ADR/RID (cross-border)

· ADR/RID class: -

Maritime transport IMDG:

· IMDG Class: -

· Marine pollutant: No

Air transport ICAO-TI and IATA-DGR:

· ICAO/IATA Class: -- Transport/Additional information: Not dangerous according to the above specifications.

SECTION 15 — REGULATORY INFORMATION

Labeling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

·Code letter and hazard designation of product:

Xi Irritant

Hazard-determining components of labeling:

reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight = 700) oxirane, mono[(C12-14-alkyloxy)methyl] derivs

Risk phrases:

36/38 Irritating to eyes and skin.

43 May cause sensitization by skin contact.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

·Safety phrases:

2 Keep out of the reach of children.

24/25 Avoid contact with skin and eyes.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

37/39 Wear suitable gloves and eye/face protection.

46 If swallowed, seek medical advice immediately and show this container or label.

·Special labeling of certain preparations:

Contains epoxy constituents. See information supplied by the manufacturer.

National regulations:

· Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.

· Other regulations, limitations and prohibitive regulations:

The data and the information reported in the present Material Safety Data Sheet are consistent to the Directives 1967/548/EEC, 1999/45/EC, 76/769/EEC, to the Regulation 1907/2006/EC and to what prescribed by the in force regulation in matter of classification, packaging and labeling of dangerous substances and preparations. Anyway, it's recommended to the user the need to verify and to comply with the specific national and local laws in matter of hazardous activities and of environmental protection (e.g.: gassy, liquid and solid emissions), that aren't in the object of this document.

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.

·Relevant R-phrases

36/38 Irritating to eyes and skin.

38 Irritating to skin.

43 May cause sensitisation by skin contact.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

ADDITIONAL INFORMATION:

The data in this Material Safety Data Sheet relates only to the specific material designated herein.

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of The Tile Doctor. The data on this sheet are related only to the specific material designated herein. The Tile Doctor assumes no legal responsibility for use or reliance upon these data.

END OF SDS