

MSDS-VOGAPUR-SC

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VOGEL SYSTEMS Safety data sheet

Date / Revised: 19.09.2022

Product: **MSDS-VOGAPUR-SC**

Version: 1.0

Date of print 20.09.2022

1. Identification

Product identifier

VOGAPUR-SC

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

Relevant identified uses: Product for construction chemicals Recommended use: for industrial and professional users



Details of the supplier of the safety data sheet

E-mail address: info@vogel-systems.de

Emergency telephone number

International emergency number

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKINGProduct identifierProduct name **VOGAPUR-SC****2. Relevant identified uses of the substance or mixture and uses advised against**Identified uses : **High Strength, Fast Cure, UV- Resistant & Polyaspartic Floor Screed .****3. Details of the supplier of the safety data sheet**Supplier

Company name : Vogel co.

E-mail address: info@vogel-systems.de**2. COMPOSITION/INFORMATION ON INGREDIENTS****GHS Classification**

- Skin Irritation (Category 2)
- Eye Damage (Category 1)
- Skin Sensitization (Category 1)
- Respiratory Sensitization (Category 1)

Signal Word: Danger**Hazard Statements**

- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H317 May cause an allergic skin reaction.
- H334 May cause allergy or asthma symptoms if inhaled.

Precautionary Statements

- P261 Avoid breathing vapors or spray.
- P264 Wash thoroughly after handling.
- P280 Wear protective gloves, eye protection, and respiratory protection.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes; remove contact lenses if present.
- P333+P313 If skin irritation occurs: Get medical advice.
- P342+P311 If experiencing respiratory symptoms: Call a poison center or doctor

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3. COMPOSITION

Ingredient	CAS No.	Concentration (%)	Classification
Aliphatic polyaspartic prepolymer	Proprietary*	60–50	Skin Irrit. 2; STOT SE 3
Polyamine curing agent	Proprietary*	40–30	Acute Tox. 4; Skin Corr. 1B
Additives and stabilizers	Mixture	10–5	—

*Exact compositions are company confidential; full CAS information available on request.

4. FIRST AID MEASURES**Inhalation:**

Move to fresh air. If breathing difficulty persists, seek medical attention.

Skin Contact:

Remove contaminated clothing. Wash skin with soap and water. If irritation or rash develops, get medical advice.

Eye Contact:

Rinse immediately with water for at least 15 minutes, lifting eyelids. Seek immediate ophthalmic care.

Ingestion:

Rinse mouth. Do NOT induce vomiting. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES**Suitable Extinguishers:**

Foam, dry chemical, CO₂, water spray.

Unsuitable Media:

High-pressure water jet (may spread burning material).

Hazards:

Under fire, toxic isocyanate vapors and amines may form.

Protection:

Full protective suit and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions:**

Use PPE (see Section 8). Avoid breathing vapors and contact with skin or eyes.

Environmental Precautions:

Contain spill. Prevent entry into drains or waterways.

Cleanup:

Absorb with inert material (e.g. sand), place in labeled waste container, dispose per regulations.

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7. HANDLING AND STORAGE

Handling:

- In well-ventilated areas.
- Avoid contact with skin, eyes, and clothing.
- Do not eat, drink, or smoke during use.

Storage:

- Store Components A & B separately until use.
- Temperature: 5–30 °C.
- Keep containers tightly closed, protected from moisture and direct sunlight.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:

Local exhaust at point of spray or mixing.

Occupational Exposure Limits:

Use relevant isocyanate limits (e.g., 0.02 mg/m³ TWA).

PPE:

- **Respiratory:** Half-mask with organic vapor/particulate filter (e.g. A2/P3).
- **Eyes:** Safety goggles or face shield.
- **Skin:** Nitrile gloves and chemical-resistant clothing.
- **Hygiene:** Wash thoroughly after handling; launder contaminated clothing separately.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Part A: viscous colored liquidPart B: clear to pale yellow liquid
Odor	Slight amine/solvent
pH	Not applicable
Flash Point	> 100 °C (Pensky-Martens)
Solubility in Water	Negligible
Specific Gravity (20 °C)	1.1–1.2 (A); 1.0–1.1 (B)
Viscosity (20 °C)	2 000–4 000 mPa·s (A); 100–300 mPa·s (B)
VOC Content	< 50 g/L
Property	Value

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10. STABILITY AND REACTIVITY

- **Reactivity:**
Reacts with water, alcohols, amines.
- **Stability:**
Stable under recommended storage.
- **Avoid:**
Moisture, high temperatures, ignition sources.
- **Incompatible:**
Strong oxidizers, acids, bases.
- **Decomposition:**
Isocyanate vapors, amines, CO, CO₂.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

- Inhalation LC₅₀ (rat) > 5 mg/L (dust/vapor)
- Oral LD₅₀ (rat) > 2 000 mg/kg
- Dermal LD₅₀ (rabbit) > 2 000 mg/kg

Irritation / Sensitization:

- Skin: Irritating; may sensitize.
- Eyes: Causes serious damage.
- Respiratory: May sensitize and cause asthma-like symptoms.

Chronic: Prolonged inhalation may cause respiratory issues.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

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13. DISPOSAL CONSIDERATIONS

- Dispose of in accordance with local/regional regulations. Treat empty containers as hazardous waste.

14. TRANSPORT INFORMATION

- **UN Number:** UN 3288
- **Proper Shipping Name:** Isocyanates, liquid, n.o.s.
- **Class:** 8 (Corrosive)
- **Packing Group:** III

15. Regulatory Information

- **REACH (EU) Regulation 1907/2006:** Compliant
- **US TSCA:** All components listed
- **Local:** Complies with [Country] environmental and safety regulations.

16. OTHER INFORMATION

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable