

MSDS-VOGA GUARD

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VOGEL SYSTEMS Safety data sheet

Date / Revised: 19.09.2022

Product: **MSDS-VOGA GUARD**

Version: 1.0

Date of print 20.09.2022

1. Identification

Product identifier

VOGA GUARD

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 **VOGA GUARD****2. Relevant identified uses of the substance or mixture and uses advised against**Identified uses : **waterborne acrylic intumescent coating****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:**

- Eye Irritation (Category 2A)
- Skin Irritation (Category 2)

Label Elements:**Signal Word:** Warning**Hazard Statements:**

- H315: Causes skin irritation
- H319: Causes serious eye irritation

Precautionary Statements:

- P264: Wash skin thoroughly after handling
- P280: Wear protective gloves/eye protection
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present
- P302+P352: IF ON SKIN: Wash with plenty of soap and water

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3. COMPOSITION

Component	CAS No.	% w/w	Classification
Acrylic Polymer Emulsion	Proprietary	%60–30	Non-hazardous
Ammonia (neutralizing agent)	6-21-1336	%1 >	Skin Corr. 1B; Eye Dam. 1
Titanium Dioxide (pigment)	7-67-13463	%25–10	Not classified (dust only)
Intumescent Agents (e.g. ammonium polyphosphate)	Proprietary	%20–10	Not classified

*Exact composition withheld as a trade secret.

4. FIRST AID MEASURES**Inhalation:**

- Move to fresh air. Seek medical attention if symptoms occur.

Skin Contact:

- Wash with soap and water. Seek medical advice if irritation persists.

Eye Contact:

- Rinse with water for at least 15 minutes. Remove contact lenses if applicable. Seek medical attention.

Ingestion:

- Rinse mouth. Do NOT induce vomiting. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES**Extinguishing Media:**

Water spray, foam, dry chemical, CO₂

Hazards:

May produce CO, CO₂, and nitrogen oxides under combustion

Protective Equipment:

Full protective gear and self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

- **Personal Protection:** Use appropriate PPE; avoid contact with skin and eyes
- **Spill Cleanup:** Contain and collect with absorbent material. Avoid discharge into drains or environment.
- **Disposal:** Dispose of in accordance with local regulations

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7. HANDLING AND STORAGE**Handling:**

- Avoid contact with eyes and skin. Use in well-ventilated areas

Storage:

- Keep container tightly closed. Store between 5–30 °C. Protect from frost.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Substance	Exposure Limit (TWA)
Titanium Dioxide	10 mg/m ³ (inhalable, OSHA)
Ammonia	25 ppm (ACGIH TLV)

Engineering Controls:

- Ensure good general ventilation

Personal Protective Equipment (PPE):

- **Respiratory:** Not required under normal conditions
- **Skin:** Chemical-resistant gloves
- **Eyes:** Safety goggles
- **Other:** Wash hands after use

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	White viscous liquid
Odor	Slight ammonia
pH	9.0–7.5
Boiling Point	> 100 °C
Flash Point	Non-flammable
Solubility	Miscible in water
VOC Content	< 50 g/L (low-VOC)
Density	~1.30–1.40 g/cm ³

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10. STABILITY AND REACTIVITY

- **Stability:** Stable under normal use and storage
- **Hazardous Reactions:** None expected
- **Incompatibilities:** Strong acids, oxidizers
- **Decomposition Products:** CO, CO₂, NO_x

11. TOXICOLOGICAL INFORMATION

Routes of Exposure: Skin, eyes, inhalation

Effects:

- Skin: May cause irritation
- Eyes: Causes serious irritation
- Inhalation: Vapors may cause mild respiratory irritation
- Ingestion: Not expected to be toxic

Carcinogenicity: Titanium dioxide is listed as IARC Group 2B (possible carcinogen by inhalation of dust)

12. ECOLOGICAL INFORMATION

- **Ecotoxicity:** Not classified as environmentally hazardous
- **Persistence/Degradability:** Components are expected to be biodegradable
- **Bioaccumulation:** Not expected
- **Mobility:** Water-soluble; may enter waterways if spilled

13. DISPOSAL CONSIDERATIONS

- Dispose of contents/container in accordance with local regulations
- Do not pour into drains or waterways

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14. TRANSPORT INFORMATION

- **UN Number:** Not regulated
- **Proper Shipping Name:** Not applicable
- **Hazard Class:** Non-hazardous
- **Packing Group:** Not applicable

15. Regulatory Information

- **REACH / CLP (EU):** Compliant
- **OSHA HCS (USA):** Compliant
- **TSCA (USA):** All components listed
- **VOC Compliance:** Meets EU and US low-VOC regulations

16. OTHER INFORMATION

Phrases used in s.2 and s.3: H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.