

MSDS- VogaProtect CE100

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VOGEL SYSTEMS Safety data sheet

Date /Revised: 19.09.2022

Product: **MSDS- VogaProtect CE100**

Version: 1.0

Date of print 20.09.2022

1. Identification

Product identifier

VogaProtect CE100

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/UNDERTAKING**1. Product identifier**Product name **VogaProtect CE100****2. Relevant identified uses of the substance or mixture and uses advised against**Identified uses : **Heavy-duty tough filler – interior or exterior use****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****• Classification:**

Not classified as hazardous according to GHS/CLP standards.

Signal Word:**None****Hazard Statements:**

- May cause skin irritation
- May cause eye irritation
- Dust may cause respiratory discomfort

Precautionary Statements:

- Avoid contact with skin and eyes
- Use only with adequate ventilation
- Wear protective gloves and eye protection

3. COMPOSITION

Component	CAS Number	% by Weight	Component
Calcium carbonate	3-65-1317	%60–30	Calcium carbonate
Acrylic polymer binder	Proprietary	%30–10	Acrylic polymer binder
Talc	6-96-14807	%15–5	Talc
Other additives	Proprietary	%5>	Other additives

4. FIRST AID MEASURES

- **Inhalation:**
Move the person to fresh air. Keep at rest in a position comfortable for breathing. Seek medical attention if symptoms persist.
- **Skin Contact:**
Wash affected area with plenty of soap and water. Remove contaminated clothing and wash it before reuse. If irritation develops, get medical advice.
- **Eye Contact:**
Rinse cautiously with clean water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.
- **Ingestion:**
Rinse mouth thoroughly. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical advice immediately.

5. FIRE FIGHTING MEASURES

- **Suitable Extinguishing Media:**
Water spray, foam, dry chemical, or carbon dioxide (CO₂).
- **Unsuitable Extinguishing Media:**
None known.
- **Specific Hazards Arising from the Product:**
This product is not flammable. In case of fire in the surrounding area, it may emit irritating or toxic fumes when heated to decomposition.
- **Protective Equipment and Precautions for Firefighters:**
Firefighters should wear self-contained breathing apparatus (SCBA) and full protective clothing. Cool containers exposed to fire with water spray.

6. ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:**
Use personal protective equipment (gloves, safety goggles, dust mask). Avoid breathing dust. Ensure adequate ventilation in the spill area.
- **Environmental Precautions:**
Prevent product from entering drains, surface water, or soil.
- **Methods and Materials for Containment and Cleaning Up:**
 - Avoid creating dust.
 - Contain spill with non-combustible absorbent materials (e.g., sand or earth).
 - Collect into suitable containers for disposal.
 - Clean area thoroughly with water after material is collected.
- **Reference to Other Sections:**
For personal protective equipment, see Section 8.
For disposal considerations, see Section 13.

7. HANDLING AND STORAGE

- **Precautions for Safe Handling:**

- Avoid contact with skin, eyes, and clothing.

- Avoid breathing dust or vapors.

- Use only with adequate ventilation.

- Wash hands thoroughly after handling.

- Do not eat, drink, or smoke while using this product.

- Wear appropriate personal protective equipment (see Section 8).

- **Conditions for Safe Storage, Including Any Incompatibilities:**

- Store in a tightly closed container.

- Keep in a cool, dry, and well-ventilated place.

- Protect from moisture and direct sunlight.

- Store away from strong acids and oxidizing agents.

- Keep out of reach of children.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- **Control Parameters:**

- Exposure limits may apply to individual ingredients. Follow local regulations (e.g., OSHA, ACGIH, EU OELs).

Substance	CAS Number	Limit Type
Calcium carbonate	3-65-1317	TWA (inhalable dust)
Talc (non-asbestiform)	6-96-14807	TWA (respirable dust)

- **Appropriate Engineering Controls:**

- Ensure adequate ventilation, especially in confined areas. Use local exhaust ventilation if dust is generated.

- **Personal Protective Equipment (PPE):**

- **Respiratory Protection:**

- Not normally required. If dust is generated, use a properly fitted NIOSH/MSHA-approved particulate respirator.

- **Skin Protection:**

- Wear protective gloves (e.g., nitrile or rubber). Use protective clothing if repeated or prolonged exposure is expected.

- **Eye Protection:**

- Wear safety goggles or face shield to prevent eye contact.

- **Hygiene Measures:**

- Wash hands before breaks and after handling. Remove contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Physical state	Paste (or powder if not premixed)
Color	Off-white to grey
Odor	Mild or odorless
Odor threshold	Not determined
pH	9–7~
Melting point / Freezing point	Not applicable
Boiling point	Not applicable
Flash point	Not flammable
Evaporation rate	Not applicable
Flammability (solid, gas)	Non-flammable
Upper/lower explosive limits	Not applicable
Vapor pressure	Not applicable
Vapor density	Not applicable
Relative density	Approx. 1.5–2.0 (depending on formula)
Solubility in water	Slight (if powder) / Low (if paste)
Auto-ignition temperature	Not applicable
Decomposition temperature	Not determined
Viscosity	Thick paste (if premixed)

10. STABILITY AND REACTIVITY

- **Reactivity:**
Product is stable under normal conditions of use and storage.
- **Chemical Stability:**
Stable under recommended handling and storage conditions.
- **Possibility of Hazardous Reactions:**
No dangerous reactions known under normal conditions of use.
- **Conditions to Avoid:**
 - Excessive heat
 - Direct sunlight
 - Moisture (if in powder form)
- **Incompatible Materials:**
 - Strong acids
 - Strong oxidizing agents
- **Hazardous Decomposition Products:**
In the event of fire or high heat, may release carbon oxides and other irritating or toxic fumes

11. TOXICOLOGICAL INFORMATION**Information on Toxicological Effects****Likely Routes of Exposure:**

Inhalation of dust (if sanding or handling dry filler)

Skin contact

Eye contact

Acute Toxicity:**Oral (LD₅₀):**

Calcium carbonate: >5000 mg/kg (rat)

Acrylic polymer: >2000 mg/kg (estimated)

Dermal (LD₅₀):

Not expected to be toxic via skin contact

Inhalation (LC₅₀):

Not expected to be acutely toxic by inhalation, though nuisance dust may cause respiratory irritation

Skin Corrosion / Irritation:

May cause mild irritation on repeated or prolonged contact.

Eye Damage / Irritation:

May cause temporary eye irritation, redness, or discomfort.

Respiratory or Skin Sensitisation:

Not expected to cause sensitisation under normal conditions of use.

Germ Cell Mutagenicity:

No ingredients known to be mutagenic.

Reproductive Toxicity:

No ingredients are known to cause reproductive harm.

STOT – Single Exposure:

Inhalation of dust may cause transient respiratory irritation.

STOT – Repeated Exposure:

Repeated excessive exposure to airborne dusts may cause lung irritation.

No target organ toxicity expected under normal use.

Aspiration Hazard:

Not an aspiration hazard.

12. ECOLOGICAL INFORMATION**Ecotoxicity:**

This product is **not classified as hazardous to the environment** under current GHS/CLP regulations. However, large releases may be harmful to aquatic environments due to increased suspended solids.

No specific data is available for the formulation as a whole.

Based on known ingredients, product is expected to have **low acute toxicity** to aquatic organisms.

- **Persistence and Degradability:**

Inorganic components (e.g., calcium carbonate, talc) are **not biodegradable**, but they are chemically stable and naturally occurring in the environment.

Organic components (e.g., acrylic polymers) may degrade slowly by biological or abiotic processes, but not expected to persist in harmful concentrations.

- **Bioaccumulative Potential:**

No data available for the full mixture.

Major components have **low bioaccumulation potential** due to their low solubility and inert nature.

- **Mobility in Soil:**

Product is not water-soluble in cured form; mobility in soil is limited.

Powdered form may be carried by runoff if not contained.

- **Other Adverse Effects:**

None known.

Avoid uncontrolled release into surface waters or drainage systems.

13. DISPOSAL CONSIDERATIONS

- **Waste Treatment Methods:**

- **Product / Residue Disposal:**

This product is **not classified as hazardous waste** under most applicable regulations (e.g., EU 2008/98/EC, US RCRA). However, disposal must be carried out in accordance with applicable environmental control regulations.

Solidified or cured material can usually be disposed of as **construction or industrial waste**.

If the product is still in paste or powder form, it should be disposed of through a licensed waste disposal contractor.

Avoid disposal through sewage systems or household waste streams.

- **Contaminated Packaging:**

Non-contaminated packaging may be recycled.

Contaminated or partially filled packaging should be treated as product waste and disposed of accordingly.

Do not reuse empty containers without proper cleaning and inspection.

- **Recommended Disposal Methods:**

Incineration or landfill at approved facilities.

Never discharge into water bodies, sewers, or open environment.

- **Regulatory References:**

EU Waste Code (EWC): 08 04 10 (Waste adhesives and sealants other than those mentioned in 08 04 09)

US RCRA Status: Not listed as a hazardous waste

UN Recommendations: Not classified as hazardous waste under UN Guidelines

Precautions for Disposal:

Always wear appropriate protective equipment during handling of waste materials.

Prevent waste accumulation in workplace areas.

Minimize release to the environment and avoid dust generation during cleanup or transfer.

14. TRANSPORT INFORMATION

Transport Mode	Regulatory Information
UN Number	Not applicable
UN Proper Shipping Name	Not regulated as hazardous material
Transport Hazard Class(es)	None
Packing Group	Not applicable
Environmental Hazards	Not classified as marine pollutant or eco-hazard
Special Precautions for User	None required under normal transport conditions
Transport in Bulk (Annex II MARPOL 73/78 and IBC Code)	Not applicable

- **ADR/RID (Europe):** Not regulated
- **IMDG (Sea Transport):** Not regulated
- **IATA/ICAO (Air Transport):** Not regulated
- **DOT (USA):** Not regulated
- **General Note:**

This product is considered **non-hazardous for transport purposes** under all major international and domestic transport regulations. No special handling or labeling is required during transit.

15. Regulatory Information

- **EU Regulations:**

- **REACH Regulation (EC) No 1907/2006:**

- All substances in this product are either pre-registered, registered, or exempt under REACH.

- **CLP Regulation (EC) No 1272/2008:**

- This product is **not classified as hazardous** under CLP.

- **EU Waste Directive 2008/98/EC:**

- Waste classification must be determined by the end user based on use and contamination.

- **United States Regulations:**

- **OSHA Hazard Communication Standard (29 CFR 1910.1200):**

- Not considered a hazardous chemical under OSHA.

- **TSCA (Toxic Substances Control Act):**

- All components are listed on or exempt from the TSCA Inventory.

- **Canadian Regulations:**

- **WHMIS Classification:**

- Not a controlled product under WHMIS 2015.

- **DSL/NDL:**

- All components are listed or exempt from the Canadian DSL.

- **Australian Regulations:**

- **AICS (Australian Inventory of Chemical Substances):**

- All ingredients are listed or exempt.

- **Japanese Regulations:**

- **Chemical Substances Control Law (CSCL):**

- Ingredients comply with existing chemical notification requirements.

- **Other Global Inventories:**

- All components are believed to be compliant with or exempt from the following inventories:

- EINECS/ELINCS (EU), ENCS (Japan), IECSC (China), PICCS (Philippines), KECL (Korea), NZIoC (New Zealand).**

- **Chemical Safety Assessment**

A **Chemical Safety Assessment (CSA)** has **not been carried out** for this mixture as it is not classified as hazardous under current regulations.

16. OTHER INFORMATION

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