

MSDS- VOGATHERMO-LINE

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VOGEL SYSTEMS Safety data sheet

Date /Revised: 19.09.2022

Product: **MSDS- VOGATHERMO-LINE**

Version: 1.0

Date of print 20.09.2022

1. Identification

Product identifier

VOGATHERMO-LINE

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/UNDERTAKING1. Product identifierProduct name **VOGATHERMO-LINE**2. Relevant identified uses of the substance or mixture and uses advised againstIdentified uses : **Water Base Acrylic Thermal Insulating Paints**Details of the supplier of the safety data sheetSupplier

Company name : Vogel co.

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

Not classified as hazardous under GHS criteria.

May cause mild skin or eye irritation in sensitive individuals.

Signal Word: None**Hazard Statements:**

May cause mild skin or eye irritation.

Precautionary Statements:

Avoid contact with skin and eyes.

Wash thoroughly after handling.

Seek medical advice if irritation occurs.

Other Hazards:

Product is water-based and non-flammable.

No chronic health hazards known.

3. COMPOSITION

Component	CAS Number	% by Weight	Classification (GHS)
Acrylic Polymer Dispersion	Proprietary	%50–30	Not classified
Water	5-18-7732	%60–30	Not classified
Thermal Insulating Additives	Proprietary	%20–10	Not classified
Preservatives and Additives	Proprietary	Balance	May cause mild irritation

Note: Formulation may vary between products but generally low hazard.

4. FIRST AID MEASURES**General Advice:**

- Remove affected person from exposure.
- Seek medical attention if symptoms develop or persist.

Inhalation:

- Move to fresh air immediately.
- If breathing is difficult, administer oxygen and seek medical assistance.
- Monitor for delayed respiratory effects.

Skin Contact:

- Remove contaminated clothing.
- Wash skin thoroughly with soap and water.

Eye Contact:

- Rinse eyes with water for at least 15 minutes, holding eyelids open.
- Remove contact lenses if present and easy to do.
- Get immediate medical attention.

Ingestion:

- Do not induce vomiting.
- Rinse mouth thoroughly with water.

Most Important Symptoms and Effects:

- Skin irritation or rash
- Eye redness and irritation
- Respiratory irritation, coughing
- Possible allergic sensitization

Advice to Physicians:

- Treat symptomatically.
- Monitor respiratory function following inhalation exposure.

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

- Water spray
- Foam
- Dry chemical
- Carbon dioxide (CO₂)

Unsuitable Extinguishing Media:

- None known (product is water-based and non-flammable)

Specific Hazards Arising from the Product:

- Not flammable, but may produce irritating fumes if heated or involved in fire.

Protective Equipment for Firefighters:

- Wear full protective clothing and self-contained breathing apparatus (SCBA) when fighting fires involving this product.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

- Avoid direct contact with skin and eyes.
- Use appropriate personal protective equipment (PPE), such as gloves and goggles.
- Ensure adequate ventilation.

Environmental Precautions:

- Prevent entry into drains, watercourses, or soil.
- Notify local authorities if significant environmental contamination occurs.

Methods for Containment and Cleanup:

- Contain spill using inert absorbent materials (e.g., sand, earth).
- Collect and place waste in suitable containers for disposal.
- Clean residual material with water and detergent.
- Dispose of waste in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

- Use only in well-ventilated areas.
- Avoid inhalation of vapors and contact with skin and eyes.
- Keep away from heat, sparks, open flames, and hot surfaces — no smoking.
- Use non-sparking tools and ensure equipment is grounded.
- Wear appropriate personal protective equipment (see Section 8).
- Prevent moisture contamination if product is moisture-sensitive.

Conditions for Safe Storage:

- Store in tightly sealed containers in a cool, dry, well-ventilated area.
- Recommended storage temperature: 5°C to 35°C.
- Protect from freezing and direct sunlight.
- Keep away from incompatible materials such as oxidizers, acids, and alkalis.

Additional Information:

- Store separately from food, drink, and incompatible substances.
- Follow first-in, first-out (FIFO) inventory management to ensure product freshness.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**Occupational Exposure Limits (OELs):**

- No established exposure limits due to low hazard.

Engineering Controls:

- Use adequate ventilation to maintain comfortable working conditions.
- General ventilation is usually sufficient.

Personal Protective Equipment (PPE):

- **Eye Protection:** Safety glasses or goggles to prevent splashes.
- **Skin Protection:** Protective gloves and clothing to minimize skin contact.
- **Respiratory Protection:** Not typically required; use if ventilation is inadequate or spraying.

Hygiene Measures:

- Wash hands thoroughly after handling.
- Avoid eating, drinking, or smoking during use.
- Remove contaminated clothing before entering eating areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Milky white liquid
Odor	Mild acrylic odor
Odor Threshold	Not determined
pH	9 – 7
Melting/Freezing Point	Not determined
Initial Boiling Point	Approximately 100°C (water)
Flash Point	Not applicable (non-flammable)
Evaporation Rate	Comparable to water
Flammability	Not flammable
Vapor Pressure	Low
Vapor Density	Heavier than air
Relative Density	Approximately 1.0 g/cm ³
Solubility	Miscible with water
Partition Coefficient (log K _{ow})	Not determined
Auto-Ignition Temperature	Not determined
Decomposition Temperature	Not determined
Viscosity	Medium (brushable liquid)
VOC Content	<50 g/L

10. STABILITY AND REACTIVITY**Reactivity:**

- Stable under normal handling and storage conditions.

Chemical Stability:

- Stable when stored in original, sealed containers away from extreme temperatures.

Possibility of Hazardous Reactions:

- None under recommended use conditions.
- Avoid mixing with strong acids or bases.

Conditions to Avoid:

- Freezing temperatures
- Prolonged exposure to direct sunlight or high heat

Incompatible Materials:

- Strong acids and bases

Hazardous Decomposition Products:

- May produce carbon monoxide (CO) and carbon dioxide (CO₂) when heated to decomposition.

11. TOXICOLOGICAL INFORMATION**Routes of Exposure:**

- Inhalation of spray mist or vapors (low risk)
- Skin contact
- Eye contact
- Ingestion (unlikely)

Acute Toxicity:

- Expected to be of low toxicity.
- May cause mild skin or eye irritation.
- Inhalation of spray mist may cause temporary respiratory irritation.

Skin Corrosion/Irritation:

- May cause mild skin irritation on prolonged contact.

Serious Eye Damage/Irritation:

- May cause mild eye irritation.

Respiratory or Skin Sensitization:

- Not expected to cause sensitization.

Carcinogenicity:

- No components classified as carcinogenic.

Mutagenicity:

- Not mutagenic based on current data.

Reproductive Toxicity:

- No evidence of reproductive toxicity.

Specific Target Organ Toxicity (STOT):

- Not expected to cause target organ toxicity from single or repeated exposure.

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12. ECOLOGICAL INFORMATION**Ecotoxicity:**

- Low toxicity to aquatic organisms.
- Components are generally biodegradable.

Persistence and Degradability:

- Biodegradable under typical environmental conditions.
- No significant bioaccumulation expected.

Bioaccumulative Potential:

- Low potential for bioaccumulation.

Mobility in Soil:

- Expected to have low mobility in soil due to water solubility.

Other Adverse Effects:

- No known ozone depletion or global warming potential.

13. DISPOSAL CONSIDERATIONS**Product Disposal:**

- Dispose of unused or waste material in accordance with local, regional, and national regulations.
- Avoid release into drains, water bodies, or soil.

Packaging Disposal:

- Dispose of containers in accordance with local regulations.
- Containers should be emptied and rinsed before disposal.

Waste Codes (Examples):

- Follow local regulations for disposal codes, typically non-hazardous waste codes apply for water-based paints.

14. TRANSPORT INFORMATION

- **UN Number:** Not regulated
- **Proper Shipping Name:** Not classified as hazardous for transport
- **Transport Hazard Class:** Not applicable
- **Packing Group:** Not applicable
- **Environmental Hazards:** None known
- **Special Precautions:** None

➤ Suitable for all transport modes without special restrictions.

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15. Regulatory Information**United States:****OSHA Hazard Communication Standard (29 CFR 1910.1200):**

Classified as hazardous due to flammability and health hazards.

Toxic Substances Control Act (TSCA):

All components are listed or exempt from TSCA inventory.

SARA Title III (EPCRA):

Sections 311/312: Fire hazard, acute health hazard, chronic health hazard

Section 313: Contains reportable substances such as xylene and toluene (if present).

European Union:**REACH Regulation (EC 1907/2006):**

Ingredients are registered or exempt.

CLP Regulation (EC 1272/2008):

Classified and labeled according to GHS.

Canada:**WHMIS 2015:**

Classified as hazardous, requiring appropriate labeling and safety data sheet.

Other International Regulations:

Ingredients comply with inventories including AICS (Australia), IECSC (China), ENCS (Japan), KECI (Korea), and PICCS (Philippines).

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