

Styro-Fil

Section 1 Identification

Product identifier: Styro-Fil

Relevant identified use: Filler/sealer for polystyrene foam foundry patterns
 For Industrial/Professional Use Only

Manufacturer: Freeman Manufacturing & Supply Company
 1101 Moore Road, Avon, OH 44011
 Phone Number: (440) 934-1902
 www.freemansupply.com

24 Hour Emergency Number:
CHEMTREC (800) 424-9300

Section 2 Hazards Identification

GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HazCom)

Not a hazardous substance or mixture

GHS Label elements, including precautionary statements

None

Hazards not otherwise classified (HNOC) or not covered by GHS

None known

Section 3 Composition/Information on Ingredients

Mixture

Proprietary mixture of synthetic and natural waxes, and additive(s).

No components need to be disclosed as per 29CFR Part 1910.1200.

Section 4 First Aid Measures

Eye Contact

Rinse thoroughly with water holding the eyelids open to be sure the material is washed out. Get medical attention if irritation develops and persists.

Skin Contact

Wash contact area thoroughly with soap and water. Get medical attention if irritation develops and persists.

Inhalation

Allow victim to breathe fresh air. Allow the victim to rest. Get medical attention if you feel unwell.

Ingestion

Rinse mouth. Do not induce vomiting unless instructed to by medical professional. First aid is normally not required. Seek medical attention if discomfort occurs.

Indication of Immediate Medical Attention/Special Treatment

Not expected to present a significant hazard under anticipated conditions of normal use.

Section 5 Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media: Water mist, foam, dry chemical or carbon dioxide

Unsuitable extinguishing media: Heavy water stream may scatter and spread fire

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Section 5 Fire-Fighting Measures continued

Special hazards arising from the substance or mixture

Thermal decomposition may generate oxides of carbon, wax fumes, irritating smoke, and aldehydes.

Advice for firefighters

In the event of fire and/or explosion do not breathe fumes. Do not enter fire area without proper protective equipment, including respiratory protection. Use water spray or fog for cooling exposed containers.

Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For personal protection see section 8. Evacuate unnecessary personnel. Ventilate area.

Environmental precautions

Should not be released into the environment. Do not let product enter drains.

Methods and materials for containment and cleaning up

Sweep up or shovel spillage. Keep in suitable, closed containers for disposal.

Section 7 Handling and Storage

Precautions for safe handling

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area. Do not breathe fumes or vapors. Wash exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Keep product closed in its original packaging until used. Store in a cool, well-ventilated area. Keep away from direct sunlight, sources of ignition, and incompatible materials: strong acids.

Section 8 Exposure Controls/Personal Protection

Control parameters

Substance Name	NIOSH REL	OSHA PEL
Wax fumes	TWA 2 mg/m ³	None

Exposure controls

Appropriate engineering controls: Good general ventilation should be used. If applicable, use local exhaust ventilation or other engineering controls to maintain airborne levels of fumes below recommended exposure limits.

Personal protective equipment

Eye/face protection: Use safety glasses equipped with side shields / goggles.

Hand/skin protection: Wear impervious gloves and clothing.

Respiratory protection: The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable.

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Section 8 Exposure Controls/Personal Protection continued

Safety Stations

Make emergency eyewash stations and washing facilities available in work area.

General Hygienic Practices

Avoid breathing dust, vapor or mist. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking.

Section 9 Physical and Chemical Properties

Appearance: Waxy cream-colored solid

Odor: Mild

Odor threshold: No data available

pH: No data available

Melting point: No data available

Boiling point: No data available

Flash point: >195°C (383°F)

Evaporation rate: No data available

Flammability limits: No data available

Vapor pressure: No data available

Vapor density: No data available

Specific gravity: No data available

Water solubility: Negligible

Coefficient: n-octanol/ water: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: Solid at room temperature

Section 10 Stability and Reactivity

Reactivity:

None known

Chemical stability:

Stable as supplied under recommended storage conditions

Possibility of hazardous reactions:

Hazardous polymerization will not occur

Conditions to avoid:

Excessive heat

Incompatible materials:

Strong oxidizers

Hazardous decomposition products:

Material does not decompose at ambient temperatures

Section 11 Toxicological Information

Acute toxicity:

No data available

Inhalation:

Wax fumes have been reported to be irritating to the respiratory tract

Skin corrosion/irritation:

No data available

Serious eye damage/eye irritation:

No data available

Respiratory or skin sensitization:

Not expected to be a respiratory or skin sensitizer

Aspiration hazard:

Not expected to be an aspiration hazard

Germ cell mutagenicity:

Not expected to be a germ cell mutagen

Carcinogenicity:

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

Reproductive toxicity:

Not expected to be a reproductive toxicant

Specific Target Organ Toxicity (STOT)

- **single exposure:**

Not expected to cause organ damage from a single exposure.

- **repeated exposure:**

Not expected to cause organ damage from repeated exposure.

Section 12 Ecological Information

Toxicity:	Not expected to be harmful to aquatic organisms
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Results of PBT & vPvB assessment:	No data available

Section 13 Disposal Considerations

Dispose of in accordance with waste disposal legislation and any local authority, State, and Federal requirements.

Section 14 Transport Information

DOT, TDG, IMO/IMDG, IATA/ICAO: Not regulated

Section 15 Regulatory Information

Chemical Inventory

The ingredients of this product are on or in compliance with Canada (DSL), United States (TSCA), and European Inventory of Existing Chemicals (EINECS)

Regulations

EPCRA Section 302: This material contains no extremely hazardous substances.

SARA 311/312 Codes: No hazard categories identified

SARA 313: No components were identified

California Proposition 65: This product is not known to contain any components for which the State of California has found to cause cancer, birth defects or other reproductive harm.

Section 16 Other Information

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Date of Preparation: June 28, 2022

Date of Revision: Not Applicable