

Section 1 Identification

Product identifier: Styro Adhesive

Relevant identified use: Latex adhesive 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)

Flammable Liquid, Category 4
Skin Irritation, Category 3
Skin Sensitization, Category 1
Carcinogenicity, Category 2
Specific Target Organ Toxicity Single Exposure, Category 3

GHS Label elements, including precautionary statements



Warning

Hazard Phrases:

H316 Causes mild skin irritation.
H317 May cause an allergic skin reaction.
H227 Combustible liquid.
H351 Suspected of causing cancer.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

Precautionary Phrases:

P203 Obtain, read and follow all safety instructions before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing fumes or vapors.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves, protective clothing, eye protection and face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P318 IF exposed or concerned, get medical advice.
P319 Get medical help if you feel unwell.
P333+P317 If skin irritation or rash occurs: Get medical help.
P362+P364 Take off contaminated clothing and wash it before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local, state, and federal regulations.

Section 3 Composition/Information on Ingredients

Chemical Name	CAS Number	%
Aromatic Solvent Naphtha	64742-95-6	5-10
Zinc Dibutyldithiocarbamate	136-23-2	1-5

Other ingredients are not classified as health, physical, or environmental hazards, or are present below the cut-off concentration limits

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. Get medical attention if you feel unwell.

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: Foam, dry chemical or carbon dioxide
 Unsuitable extinguishing media: Heavy water stream may scatter and spread fire

Special hazards arising from the substance or mixture

Combustible liquid. Keep away from heat, hot surfaces, sparks, open flames, and other sources of ignition.

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

Contain spill and prevent/minimize release to the environment. Collect with inert absorbent and containerize material for disposal.

Section 7 Handling and Storage

Precautions for safe handling

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.

Section 8 Exposure Controls/Personal Protection

Control parameters

Substance Name	NIOSH REL	OSHA PEL
Aromatic Solvent Naphtha	Not established	400 mg/m ³ TWA

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.

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: Cream-colored liquid

Odor: Mild, latex

Odor threshold: No data available

pH: No data available

Melting point: No data available

Boiling point: No data available

Flash point: ≥141°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: No data available

Coefficient: n-octanol/ water: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

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, strong acids, strong bases
Hazardous decomposition products:	Carbon monoxide, carbon dioxide. Aldehydes, ketones, toxic fumes

Section 11 Toxicological Information

Acute toxicity:	No data available on product.
Inhalation:	May cause respiratory irritation.
Skin corrosion/irritation:	May cause mild irritation.
Serious eye damage/eye irritation:	May cause mild irritation.
Respiratory or skin sensitization:	No data available on product.
Aspiration hazard:	Not expected to be an aspiration hazard.
Germ cell mutagenicity:	No data available on product
Carcinogenicity:	This product contains Aromatic solvent, naptha (CAS 64742-95-6), a chemical suspected of causing cancer.
Reproductive toxicity:	Not expected to be a reproductive toxicant
Specific Target Organ Toxicity (STOT)	
- single exposure:	May cause damage to organs through a single exposure.
- repeated exposure:	No data available on product.

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:	Not expected to migrate
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/IMDG/IATA

UN1268, Petroleum distillates, n.o.s. (1,2,4-trimethylbenzene), 3, III, MARINE POLLUTANT

Section 15 Regulatory Information

Chemical Inventory

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

Regulations

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

SARA 311/312 Codes: See Section 2

SARA 313: Contains Zinc Dibutyldithiocarbamate, CAS 136-32-2, 1-5%

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

Disclaimer

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Date of Revision: Not Applicable