

Material Safety Data Sheet

Freeman Wax Release

Date of Preparation: January 3, 2007

Revision:

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Freeman Wax Release

Chemical Family: Solvent

CAS Number: N/A

Other Designations: N/A

General Use: N/A

Manufacturer: Freeman Manufacturing and Supply Company, 1101 Moore Road, Avon, OH 44011,
Phone (440)934-1902, FAX (440)934-7200, Hours of Operation 8-5, Emergency Phone Number 800-424-9300.

HMIS

H 1

F 3

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PPE†

†Sec. 8

☆☆☆☆ Emergency Overview ☆☆☆☆

Flammable, Irritant, Inhalation

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt or % vol
Petroleum Naphtha	8052-41-3	>70

Ingredient	OSHA		ACGIH		Vapor
	PEL	STEL	TWA	STEL	Pressure
Petroleum Naphtha	500 ppm	none estab.	100 ppm	none estab.	2 mm Hg @ 68°F

Section 3 - Physical and Chemical Properties

Physical State: Paste

Appearance and Odor: White to pale yellow soft paste or gel with typical hydrocarbon odor.

Odor Threshold: N/A

Vapor Pressure: 10 mm Hg at 100 °F

Vapor Density (Air=1): 4.8

VOC: 4.64 lbs/gal

Specific Gravity (H₂O=1, at 4 °C): 0.78 @60°F

pH: N/A

Water Solubility: Less than 0.01% @ 77°F

Other Solubilities: N/A

Boiling Point: 315°F-387°F

Freezing/Melting Point: N/A

% Volatile: N/A

Evaporation Rate: N/A

Section 4 - Fire-Fighting Measures

Flash Point: 92 °F (33°C)

Flash Point Method: TCC

Autoignition Temperature: 490 °F

LEL: 2.3%

UEL: 14.4% at 77°F

Extinguishing Media: Foam, dry chemical, water spray

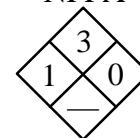
Unusual Fire or Explosion Hazards: Combustible Liquid! Can form combustible mixtures at temperatures at or above the flash point. Toxic gases will form upon combustion. Material can accumulate static charges, which can cause an incendiary electrical discharge.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide.

Fire-Fighting Instructions: Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Respiratory and eye protection required for fire fighting personnel. Avoid spraying water directly into storage containers due to danger of boil over. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground of surface to ignition sources where they may ignite or explode.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

NFPA



Section 5 - Stability and Reactivity

Stability: Stable under recommended handling and storage conditions.

Conditions to Avoid: High temperatures, flames

Incompatibility (Materials to Avoid): Strong oxidizing agents

Hazardous Decomposition Products: May produce hazardous fumes when heated. Carbon monoxide, carbon dioxide

Hazardous Polymerization: Will not occur.

Section 6 - Health Hazard Information

Potential Health Effects

Inhalation: Anesthetic. Irritation of the respiratory tract or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion, unconsciousness, or coma.

Skin and Eye Contact: Primary irritation.

Skin: Prolonged or repeated exposure to this material may cause redness dermatitis. Person with pre-existing skin disorders may be more susceptible.

Ingestion: Do not induce vomiting. . Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death. Consult a physician or poison control center.

Health Hazards (Acute and Chronic): Pre-existing heart disorders may be aggravated by exposure to this material.

Medical Conditions Aggravated by Long-Term Exposure: N/A

Carcinogenicity: IARC, NTP, and OSHA do not list any component as carcinogenic

Emergency and First Aid Procedures

Inhalation: Remove from exposure. Restore breathing. Keep warm and quiet. Notify a physician.

Eyes: Flush immediately with large amounts of water for 15 minutes. See a physician.

Skin: Wash affected areas thoroughly with soap and water. Remove contaminated clothing.

Ingestion: Do not induce vomiting. Consult a physician or poison control center.

Section 7 - Spill, Leak, and Disposal Procedures

Spill /Leak Procedures: Remove all sources of ignition. Ventilate area. Remove with inert absorbent and non-sparking tools.

Disposal: Disposal in accordance with local, state, and federal regulation. Incinerate in approved facility. Do not incinerate closed containers. Emptied containers may retain hazardous residue and explosive vapors. Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

EPA Regulations:

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

RCRA Hazardous Waste Classification (40 CFR 261.): Not classified

CERCLA Hazardous Substance (40 CFR 302.4) listed/unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)(4); CWA, Sec. 307(a), CAA, Sec. 112

CERCLA Reportable Quantity (RQ), lb (kg)

SARA 311/312 Codes: This product is classified into the following hazard categories: Delayed Health, Fire.

SARA Toxic Chemical (40 CFR 372.65): Not listed

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed, Threshold Planning Quantity (TPQ)

OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed

OSHA Specifically Regulated Substance (29CFR 1910)

State Regulations:

Petroleum Naphtha (CAS # 8052-41-3) is on the New Jersey and Pennsylvania Right to Know Lists.

Regulatory Information:

TSCA Inventory Status: All ingredients listed on TSCA Inventory.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: N/A

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Ventilation: Local exhaust is recommended. General mechanical is recommended in confined areas. Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls: N/A

Respiratory Protection: NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation. Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or nonroutine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA.

Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles with side shields, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics

Section 9 - Special Precautions and Comments

Handling and Storage:

Handling Precautions: Ground containers when pouring. Do not flame cut, braze or weld.

Storage Requirements: Do not store above 120°F. Store large quantities in building designed and protected for storage of NFPA Class Liquids.

DOT Transportation Data (49 CFR 172.101):

Shipping Name: Petroleum Distillate,
N.O.S., 3, UN 1268, III

Shipping Symbols:

Hazard Class: 3

ID No.: UN 1268

Packing Group: III

Label: Flammable Liquid

Special Provisions

Packaging Authorizations

a) **Exceptions:** 173.150

b) **Non-bulk Packaging:**
173.203

c) **Bulk Packaging:**

Quantity Limitations

a) **Passenger, Aircraft, or Railcar:**

b) **Cargo Aircraft Only:**

Vessel Stowage Requirements

a) **Vessel Stowage:**

b) **Other:**

Prepared By:

Revision Notes:

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Data and results are based on controlled lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.