

**Section 1 Chemical Product and Company Identification**

**Product identifiers**

Product name: Freeman Wax Release

**Relevant identified uses of the substance or mixture and uses advised against**

Identified uses: Release of urethanes, epoxies, or polyester resins

**Details of the supplier of the safety data sheet**

Freeman Manufacturing & Supply Company  
 1101 Moore Road, Avon, OH 44011  
 Telephone (440) 934-1902

**24 Hour emergency telephone number: CHEMTREC (800) 424-9300**

HMIS	
H	1
F	2
R	0
PPE Sec.8.	

**Section 2 Hazards Identification**

**GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)**

Flammable liquids, Category 3  
 Acute toxicity, inhalation, Category 4  
 Aspiration hazard, Category 1

Not classified as an environmental hazard.

**GHS Label elements, including precautionary statements**



Signal word            Danger

**Hazard statements**

Flammable liquid and vapor. May be fatal if swallowed and enters airways. Harmful if inhaled.

**Precautionary statements**

Prevention

Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
 Keep container tightly closed. Ground/bond container and receiving equipment.  
 Wear protective gloves/ eye protection/ face protection.

Response

If swallowed: Immediately call poison center/doctor. Do NOT induce vomiting.  
 If on skin: Remove/take off immediately all contaminated clothing.  
 Rinse skin with water/shower. If skin irritation occurs: Get medical attention.  
 If inhaled: Remove person to fresh air and keep comfortable for breathing.  
 If exposed or concerned: Get medical advice/attention.

Storage

Store in a well-ventilated place. Keep cool.

Disposal

Dispose of contents and container to an appropriate waste site in accordance with regulations.

**Section 2 Hazards Identification continued**

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

Repeated exposure may cause skin dryness or cracking.

**Section 3 Composition/Information on Ingredients**

Component	CAS Number	Composition (%)
Petroleum Naphtha	64742-48-9	75 - 95

**Section 4 First-Aid Measures**

**Description of first aid measures**

**If inhaled**

Move person into fresh air and keep comfortable for breathing. If not breathing, give oxygen or artificial respiration. Get medical advice/attention if you feel unwell.

**In case of skin contact**

Remove/take off immediately all contaminated clothing.  
 Rinse skin with water/shower. Get medical attention if irritation occurs.

**In case of eye contact**

Immediately flush eyes thoroughly with water. If irritation persists, get medical assistance

**If swallowed**

Immediately call poison center/doctor. Do NOT induce vomiting.  
 Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

Aspiration may cause pulmonary edema and pneumonitis.  
 Direct contact with eyes may cause temporary irritation.

**Indication of any immediate medical attention and special treatment needed**

No data available.

**Section 5 Fire-Fighting Measures**

**Suitable extinguishing media**

Use water fog, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media**

Do not use water jet as an extinguisher, as it may spread the fire.

**Special hazards arising from the chemical**

Vapors may form explosive mixtures with air. Vapors may travel a considerable distance to a source of ignition and flash back. Gases formed during combustion may be hazardous to health.

**Special protective equipment and precautions for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.  
 Do not breathe fumes. Move containers away from fire area if safe to do so.

**Section 6 Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**

Avoid breathing vapors. Eliminate all sources of ignition.  
 For personal protection see section 8.

**Section 6 Accidental Release Measures continued**

**Methods and materials for containment and cleaning up**

Use water spray to reduce vapors or divert vapor cloud drift. Shovel into suitable containers for disposal. Clean surface thoroughly to remove residual contamination.

**Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

**Section 7 Handling and Storage**

**Precautions for safe handling**

Use normal precautions when handling flammable materials. Take precautionary measure against static discharges. All equipment used when handling this product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe fumes or vapor. Do not allow material to contact skin. Provide appropriate exhaust ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene.

**Conditions for safe storage, including any incompatibilities**

Store at ambient temperatures in tightly closed containers. Keep away from heat, sparks, and open flame. This material can catch fire if overheated. Do not heat this material above the flash point. Keep away from flame and open electrical coils. Protect material from direct sunlight. Keep away from incompatible materials (see Section 10 of the SDS).

**Section 8 Exposure Controls/Personal Protection**

**Occupational exposure limits**

No exposure limits noted.

**Appropriate engineering controls**

Provide exhaust ventilation or other engineering controls. Good general ventilation (typically ten air changes per hour) should be used.

**Personal protective equipment**

**Eye/face protection**

With product at ambient temperatures, use safety glasses equipped with side shields.

**Hand Protection**

With product at ambient temperatures, use disposable nitrile gloves. Contaminated gloves should be replaced.

**Body Protection**

Prevent skin contact when handling material.

**Respiratory Protection**

The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations are anticipated, a NIOSH-approved respirator with organic vapor cartridge and full face piece should be used.

**Safety Stations**

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

**General Hygienic Practices**

Avoid breathing vapor. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

**Section 9 Physical and Chemical Properties**

<b>Appearance</b>	White to amber paste
<b>Odor</b>	Slight petroleum odor
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Freezing Point</b>	-60°C (-76°F)
<b>VOC Content</b>	5.3 lb./gal
<b>Initial boiling point &amp; boiling range</b>	No data available
<b>Flash Point(COC)</b>	51°C (125°F)
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper/lower flammability</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor density</b>	No data available
<b>Relative density (g/cc)</b>	0.80 ± 0.05
<b>Water Solubility</b>	Negligible
<b>Coefficient: n-octanol/ water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Viscosity</b>	Paste at room temperature
<b>Explosive Properties</b>	None
<b>Oxidizing Properties</b>	None
<b>% Volatile</b>	87%

**Section 10 Stability and Reactivity**

**Reactivity:** Non-reactive under normal conditions of use, storage and transport.  
**Chemical stability:** Stable under normal conditions.  
**Possibility of hazardous reactions:** None  
**Conditions to avoid:** Heat, open flames, sparks and other ignition sources. Avoid temperatures exceeding the flash point. Avoid contact with incompatible materials.  
**Incompatible materials:** Strong oxidizing agents  
**Hazardous decomposition products:** Thermal oxidative decomposition can produce carbon monoxide and carbon dioxide.

**Section 11 Toxicological Information**

**Information on likely routes**

<b>Inhalation</b>	Harmful if inhaled.
<b>Skin contact</b>	No adverse effects due to skin contact are expected.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	Droplets of product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

**Symptoms related to physical, chemical, and toxicological characteristics**

Aspiration may cause pulmonary edema and pneumonitis.

**Information on toxicological effects**

<b>Acute toxicity</b>	May be fatal if swallowed and enters airways.
<b>Acute inhalation toxicity</b>	Harmful if inhaled.
<b>Skin corrosion/irritation</b>	Prolonged exposure may cause temporary irritation.

**Section 11 Toxicological Information continued**

<b>Serious eye damage/eye irritation</b>	Direct contact may cause temporary irritation.
<b>Respiratory or skin sensitization</b>	Not a respiratory sensitizer. Not expected to cause skin sensitization.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.  ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.  NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen  OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
<b>Reproductive toxicity</b>	Not expected to be a reproductive or developmental hazard.
<b>Specific target organ toxicity – single exposure</b>	Not expected to be a hazard
<b>Specific target organ toxicity – repeated exposure</b>	Not expected to be a hazard
<b>Aspiration hazard</b>	May be fatal if swallowed or enters airways.

**Section 12 Ecological Information**

<b>Toxicity</b>	No data available
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Results of PBT &amp; vPvB assessment</b>	No data available

**Section 13 Disposal Considerations**

Use safety containers for disposal. Contact a licensed contractor for detailed recommendations. Dispose of in accordance with all applicable Federal, state, and local regulations.

**Section 14 Transport Information**

<b>DOT</b>	UN Number: UN1268 Proper shipping name: Petroleum Distillates, N.O.S. (Petroleum Naphtha) Hazard Class: 3 Packing Group: III Label: Flammable Liquid  ERG number: 128
------------	---



**Section 15 Regulatory Information**

**EPCRA – Emergency Planning and Community Right-to-Know**

SARA 304: This material does not contain any components with a section 304 EHS RQ.  
 SARA 302: This material does not contain any components with a section 302 EHS TPQ.  
 SARA 311/312: Fire Hazard, Immediate Hazard  
 SARA 313: The following components are subject to reporting levels established by SARA Title III, Section 313: Xylene 1330-20-7 <0.12%, Ethylbenzene 100-41-4 < 0.03%

**TSCA Inventory Status**

All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

**California Prop 65**

**⚠ WARNING:** This product can expose you to chemicals including ethylbenzene, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Component	CAS Number	Composition (%)	NSRL (µg/day)
Ethylbenzene	100-41-4	< 0.03	41 (ingestion) 54 (inhalation)

**Section 16 Other Information**

**Disclaimer**

The following supersedes Buyer’s documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict of liability arising in connection with the product(s). Buyer’s sole remedy and Seller’s sole liability for any claims shall be Buyer’s purchase price. 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.