

Section 1 Identification

Product name

Freeman Wax Release

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

Release of urethanes, epoxies, or polyester resins. For professional use only.

Details of the supplier of the safety data sheet

Freeman Manufacturing & Supply Company
1101 Moore Road
Avon, OH 44011-4043
USA
Telephone: +1 (440) 934-1902
Email: contactus@feemansupply.com

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

Section 2 Hazards Identification

Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)

Flammable liquids, Category 3

Specific target organ toxicity - single exposure (central nervous system), Category 3

Long-term (chronic) aquatic hazard, Category 4

Label elements



Warning

Hazard statements

H226 Flammable liquid and vapor.

H336 May cause drowsiness or dizziness.

H413 May cause long lasting harmful effects to aquatic life.

Precautionary statements

P210 Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing mist or vapors.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves/ eye protection/ face protection.

P303 + P361 + P353 IF ON SKIN: Take off immediately all contaminated clothing.

Rinse skin with water/ shower.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P319 Get medical help if you feel unwell.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents/ container to an approved waste disposal plant.

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

None known

Section 3 Composition/Information on Ingredients

Mixture

Chemical Name	CAS Number	Concentration (% w/w)
Naphtha (petroleum), hydrotreated heavy	64742-48-9	80 - 90

Components not listed are either non-hazardous or are below reportable limits.

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: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

Most important symptoms and effects, both acute and delayed

Direct contact with eyes may cause temporary irritation.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5 Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media: Use 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 substance or mixture

Vapors are heavier than air and may spread along floors. Forms explosive mixtures with air at elevated temperatures. Development of hazardous combustion gases or vapors possible in the event of fire.

Hazardous decomposition products formed during combustion

Carbon oxides

Special protective equipment and precautions for firefighters

Wear self-contained breathing apparatus for firefighting if necessary. Do not breathe fumes. Remove container from danger zone and cool with water. Prevent fire extinguishing water from contaminating surface water or the ground water system.

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Do not breathe vapors. Avoid substance contact. Ensure adequate ventilation. Keep away from heat and sources of ignition. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

Environmental precautions

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

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.

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. Avoid generation of vapors. 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

Component	Regulation	Type of listing	Control parameters
Naphtha (petroleum), hydrotreated heavy (64742-48-9)	Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants	TWA	500 ppm 2,000 mg/m ³

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.
Skin/hand protection: Prevent skin contact when handling material. With product at ambient temperatures, use disposable nitrile or butyl rubber gloves. Contaminated gloves should be replaced.
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 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

Appearance	White to amber paste
Odor	Slight petroleum odor
Odor threshold	No data available
pH	Not applicable
Freezing point	No data available
Boiling point/boiling range	No data available
Flash Point (Pensky-Martens Closed Cup)	34.2°C (93.5°F)
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability	No data available
Vapor pressure	No data available
Vapor density	No data available

Section 9 Physical and Chemical Properties

Relative density (g/cm³)	0.75 ± 0.05
Water solubility	Negligible
Coefficient: n-octanol/ water	No data available
Auto-ignition temperature	No data available
Viscosity	Solid at room temperature
Kinematic Viscosity	31,919 mm ² /s at 40°C
Volatile	87 %
VOC Content	5.8 lb./gal

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

Vapor/air-mixtures are explosive at intense warming.

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, strong acids, amines

Hazardous decomposition products

Thermal oxidative decomposition can produce carbon monoxide and carbon dioxide.

Section 11 Toxicological Information

Information on toxicological effects

Acute toxicity

Component	LD50 Oral	LC50 Inhalation	LD50 Dermal	Skin corrosion / irritation	Serious eye damage / eye irritation
Naphtha (petroleum), hydrotreated heavy (64742-48-9)	> 15,000 mg/kg (OECD Test Guideline 423) Rat	> 5 mg/l (dust/mist) (OECD Test Guideline 403) Rat 4 h	> 5,000 mg/kg (OECD Test Guideline 402) Rabbit	No skin irritation (OECD Test Guideline 404) Rabbit	No eye irritation (OECD Test Guideline 405) Rabbit

Skin corrosion/irritation

Prolonged exposure may cause temporary irritation.

Serious eye damage/eye irritation

Direct contact may cause temporary irritation.

Respiratory or skin sensitization

Not a respiratory sensitizer.

Not expected to cause skin sensitization.

Germ cell mutagenicity

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity (IARC, OSHA, NTP)

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 or developmental hazard.

Specific target organ toxicity

Single exposure: May cause drowsiness, dizziness, and/or somnolence.

Specific target organ toxicity

Repeated exposure: No data available

Aspiration hazard

Not classified as an aspiration hazard

Section 12 Ecological Information

Toxicity	No data available
Persistence and degradability	Petroleum naphtha: Biodegradability aerobic - Exposure time 28 d Result: 89.8 % - Readily biodegradable. (OECD Test Guideline 301F)
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT & vPvB assessment	No data available

Section 13 Disposal Considerations

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. Do not mix with other waste. Handle uncleaned containers like the product itself.

Section 14 Transport Information

DOT/TDG	UN Number: UN1268 Proper shipping name: Petroleum Distillates, N.O.S. (Petroleum Naphtha) Hazard Class: 3 Packing Group: III ERG number: 128
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Section 15 Regulatory Information

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

Emergency Planning and Community Right-to-Know (EPCRA)

SARA 304 Extremely Hazardous Substances Reportable Quantity: This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity: This material does not contain any components with a section 302 EHS TPQ.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

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 Proposition 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.

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

Section 16 Other Information

HMIS III/NFPA 704 Ratings

Health = 2
Flammability = 3
Reactivity/Physical = 0

Section 16 Other Information

Disclaimer

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