

**Section 1 Identification**

**Product identifiers**

Product name: Freeman Wood and Plaster Sealer

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

Identified uses: Clear lacquer sealer

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

Freeman Manufacturing and Supply Company  
 1101 Moore Road, Avon, OH 44011  
 Phone (440) 934-1902  
 FAX (440) 934-7200

HMIS	
H	2
F	3
R	1
PPE	
Sec. 8	

**24 Hour Emergency Phone Number: (800) 424-9300**

**Section 2 Hazards Identification**

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

- Flammable Liquids, Category 1
- Skin Corrosion/Irritation, Category 2
- Mutagen, Category 1B
- Eye Corrosion, Category 2A
- Carcinogen, Category 1A
- Reproductive Toxin, Category 1A
- Aspiration Hazard, Category 1

**GHS Label elements**



**Signal word**

**Danger**

**Hazard statements**

- Extremely flammable liquid and vapor
- May be fatal if swallowed and enters airways
- Causes skin irritation
- Causes serious eye irritation
- May cause genetic defects
- May cause cancer
- May damage fertility or the unborn child

**Precautionary statements**

**Prevention**

- Do not handle until all safety precautions have been read and understood
- Keep away from heat/sparks/open flames/hot surfaces. - No smoking
- Keep container tightly closed when not in use
- Ground/bond container and receiving equipment

### Freeman Wood & Plaster Sealer

#### Section 2 Hazards Identification continued

Use explosion-proof electrical/ventilating/lighting/equipment  
 Use only non-sparking tools  
 Wash skin thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Do not breathe fumes or vapors.  
 Do not eat, drink or smoke when using this product.

**Response**

**If swallowed:** Do NOT induce vomiting. Immediately call a poison control center or a physician.  
**If on skin:** Remove/take off immediately all contaminated clothing. Wash clothing before reuse. Rinse skin with water/shower.  
 If skin irritation occurs: Get medical advice/attention.  
**If inhaled:** Remove person to fresh air and call doctor/physician if not feeling well.  
**If in eyes:** Rinse continuously with water for at least 15 minutes.  
 Remove contact lenses, if present and easy to do.  
 If eye irritation persists: Get medical advice/attention.  
**In case of fire:** Use alcohol resistant foam, dry chemical, carbon dioxide (CO<sub>2</sub>) or dry sand to extinguish.

**Storage**

Store in a well-ventilated place. Keep cool.

**Disposal**

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

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

None.

#### Section 3 Composition/Information on Ingredients

Ingredient Name	CAS Number	Weight Concentration %
Xylenes (o-, m-, p-isomer)	1330-20-7	20 - 30
Isopropyl acetate	108-21-4	20 - 30
Isopropyl alcohol	67-63-0	5 - 10
Toluene	108-88-3	5 - 10
Naphtha, petroleum, hydrotreated light	64742-49-0	1 - 5
Ethylbenzene	100-41-4	1 - 5
Methyl ethyl ketone	78-93-3	1 - 5
2-Pentanone, 4-methyl-	108-10-1	1 - 5
n-Butyl acetate	123-86-4	1 - 5
Zinc stearate	557-05-1	1 - 5

#### Section 4 First Aid Measures

**Description of first aid measures**

**If inhaled**

Move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact**

Wash off with soap and plenty of water. If skin irritation continues, consult a doctor.

**Section 4 First Aid Measures continued**

**In case of eye contact**

Remove contact lenses, if worn. Flush opened eyes thoroughly with water. If irritation persists, get medical assistance.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Do not induce vomiting. Call for medical help immediately.

**Notes to Physician**

Treat Symptomatically

**Section 5 Fire-Fighting Measures**

**Extinguishing media**

Suitable extinguishing media: Use alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating and in case of fire.

**Hazardous Combustion Products**

Carbon oxides.

Can form explosive vapor-air mixtures.

Vapors are heavier than air and may spread along floors.

Vapors may travel considerable distance to source of ignition and flash back.

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**

No data available.

**Section 6 Accidental Release Measures**

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

Avoid breathing vapors.

Avoid contact with skin, eye and clothing.

Remove all sources of ignition.

Ensure adequate ventilation.

Remove all non-essential people from the area.

For personal protection see section 8.

**Environmental precautions**

Do not let product enter drains.

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

Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust).

Sweep up and shovel, using non-sparking tools.

Keep in suitable, closed containers for disposal.

**Section 7 Handling and Storage**

**Precautions for safe handling**

Use normal precautions when handling flammable materials. Do not breathe fumes or vapor. Do not allow material to contact skin. Provide appropriate exhaust ventilation.

**Section 7 Handling and Storage continued**

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

Store at 10 - 50°C in tightly sealed containers. Protect from humidity and water. This material can catch fire if overheated. Do not heat this material above the flash point. Keep away from flame and open electrical coils. Do not store with oxidizing and/or acidic materials.

**Section 8 Exposure Controls/Personal Protection**

**Components with workplace control parameters**

Ingredient	OSHA		ACGIH	
	PEL	STEL	TWA	STEL
Xylenes (o-, m-, p-isomers)	100 ppm	None estab.	100 ppm	150 ppm
Isopropyl acetate	250 ppm	None estab.	100 ppm	200 ppm
Isopropyl alcohol	400 ppm	None estab.	200 ppm	400 ppm
Toluene	200 ppm	None estab.	20 ppm	200 ppm
Naphtha, petroleum, hydrotreated light				
Ethylbenzene	100 ppm	None estab.	20 ppm	125 ppm
Methyl ethyl ketone	200 ppm	None estab.	200 ppm	300 ppm
2-Pentanone, 4-methyl	100 ppm	None estab.	20 ppm	75 ppm
n-Butyl acetate	150 ppm	None estab.	150 ppm	200 ppm
Zinc stearate	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable)	None estab.	None estab.	None estab.

**Appropriate engineering controls**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits. An eye wash station and safety shower should be located near the workstation.

**Personal protective equipment**

**Eye/face protection**

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

**Skin protection**

**Hand Protection**

With product at ambient temperatures, use disposable neoprene, butyl rubber, nitrile, or other suitable material gloves. Gloves should be replaced at the first sign of wear.

**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 above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist prefilter should be used.

**Safety Stations**

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

**Section 8 Exposure Controls/Personal Protection continued**

**General Hygienic Practices**

Avoid breathing vapor or mist. 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>	Clear Liquid
<b>Odor</b>	Characteristic solvent
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting Point</b>	No data available
<b>VOC Content</b>	6.17 lb. /gal.
<b>Boiling range</b>	34°C
<b>Flash Point (COC)</b>	5°C (41°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>	25.1 mmHg
<b>Vapor density</b>	3.0
<b>Relative density (g/cc)</b>	0.90±0.05
<b>Water Solubility</b>	Negligible
<b>Coefficient: n-octanol/water</b>	No data available
<b>Auto-ignition temperature</b>	170°C
<b>Viscosity</b>	No data available
<b>Explosive Properties</b>	No data available
<b>Oxidizing Properties</b>	No data available
<b>% Volatile</b>	No data available

**Section 10 Stability and Reactivity**

<b>Reactivity</b>	No data available
<b>Chemical stability</b>	Stable under recommended storage conditions
<b>Possibility of hazardous reactions</b>	None
<b>Conditions to avoid</b>	Heat and open flames
<b>Incompatible materials</b>	Oxidizers, strong acids
<b>Hazardous decomposition</b>	Thermal oxidative decomposition can produce carbon monoxide and carbon dioxide.

**Section 11 Toxicological Information**

**Information on toxicological effects**

<b>Oral Toxicity</b>	LD50: 4,692 mg/kg
<b>Inhalation Toxicity</b>	LC50: 46 mg/L
<b>Dermal Toxicity</b>	No data available

### Section 11 Toxicological Information continued

**Respiratory or skin sensitization** No data available  
**Germ cell mutagenicity** No data available

**Carcinogenicity:** The following chemical comprise 0.1% or more of the mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

Naphtha, petroleum, hydrotreated light	EU REACH: Present
Ethylbenzene	IARC: Possible human carcinogen
	OSHA: listed
2-2-Pentanone, 4-methyl	IARCH: Possible human carcinogen.

**Reproductive toxicity** No data available  
**Specific target organ toxicity - single exposure** No data available  
**Specific target organ toxicity - repeated exposure** Eyes, kidneys, liver, central nervous system, skin, respiratory system  
**Aspiration hazard** No data available

### Section 12 Ecological Information

**Toxicity** No data available  
**Persistence and degradability** No data available  
**Bioaccumulative potential** No data available  
**Mobility in soil** No data available

**Results of PBT & vPvB assessment:** This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent or very bioaccumulating.

### Section 13 Disposal Considerations

#### Waste Treatment Methods

**Product:** The product should not be allowed to enter drains, water courses, or the soil. Use safety containers for disposal. Contact a licensed waste management company for detailed recommendations. Follow applicable Federal, state, and local regulations.

### Section 14 Transport Information

**DOT: Shipping Name:** Paint  
**Hazard Class:** 3  
**ID No.:** UN 1263  
**Packing Group:** II  
**IATA: Shipping Name:** Paint  
**Hazard Class:** 3  
**ID No.:** UN 1263  
**Packing Group:** II

**Section 14 Transport Information continued**


**IMDG: Shipping Name:** Paint Related Material  
**Hazard Class:** 3  
**ID No.:** UN 1263  
**Packing Group:** II

**Section 15 Regulatory Information**

**US Federal Regulations**

RCRA Hazardous Waste Number (40 CFR 261.33): Not listed  
RCRA Hazardous Waste Classification (40 CFR 261): Not classified  
CERCLA Hazardous Substance (40 CFR 302.4): Listed/unlisted specific per RCRA Sec. 3001  
SARA 311/312 Codes: Chronic Health Hazard, Fire Hazard  
SARA Toxic Chemical (40 CFR 372.65): Not listed  
TSCA Inventory Status: All ingredients listed on TSCA inventory requirements

**US State Regulations**

California Proposition 65:  WARNING: This product can expose you to chemicals including toluene and ethylbenzene, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**Canada**

DSL (Canadian Domestic Substance List): All components listed

**Europe**

EINECS (European Inventory of Existing Chemical Substances): All components listed

**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.