FREEMAN Manufacturing & Supply Company

Safety Data Sheet

Freeman Wood & Plaster Sealer

Section 1 Identification

HMIS	
H	2
F	3
R	1
PPE	X

Product identifiers

Product name: Freeman Wood & Plaster Sealer

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

Identified uses: Clear lacquer sanding sealer For Industrial Use Only

Details of the supplier of the Safety Data Sheet:

Freeman Manufacturing & Supply Company
1101 Moore Road, Avon, OH 44011
Phone (440) 934-1902
Email: contactus@freemansupply.com

24 Hour Emergency Contact Number:
CHEMTREC (800) 424-9300

Section 2 Hazards Identification

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

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

GHS Label Pictograms

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

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
Use explosion-proof electrical/ventilating/lighting/equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Wash skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Use personal protective equipment as required
Specific treatment, see supplemental first aid information

Section 2 Hazards Identification continued

If swallowed: Do NOT induce vomiting. Immediately call a poison control center or a physician.
If on skin: Rinse skin with water/shower. Take off contaminated clothing and wash before reuse.
If skin irritation occurs: Get medical advice/attention.
If inhaled: Remove person to fresh air. Get medical attention if exposed or concerned.
If in eyes: Rinse continuously with water for at least 15 minutes.
Remove contact lenses, if present and easy to do – continue rinsing.
If eye irritation persists: Get medical advice/attention.
In case of fire: Use alcohol resistant foam, dry chemical, carbon dioxide or dry sand to extinguish.
Store in a well-ventilated place. Keep cool.
Dispose of contents and container to an appropriate waste site in accordance with local and national regulations. Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.

Section 3 Composition/Information on Ingredients

Ingredient Name	CAS Number	Weight Concentration %
Xylenes (o-, m-, p-isomer)	1330-20-7	27.36
Isopropyl acetate	108-21-4	20.00 – 30.00
Isopropyl alcohol	67-63-0	5.00 – 10.00
Toluene	108-88-3	5.00 – 10.00
Nitrocellulose	9004-70-0	1.00 – 5.00
Propylene glycol monomethyl ether acetate	108-65-6	1.00 – 5.00
Naphtha, petroleum, hydrotreated light	64742-49-0	1.00 – 5.00
Ethylbenzene	100-41-4	3.60
Methyl ethyl ketone	78-93-3	2.38
Methyl isobutyl ketone	108-10-1	1.53
n-Butyl acetate	123-86-4	1.51
Zinc stearate	557-05-1	1.00 – 5.00
Diisononyl phthalate	28553-12-0	1.00 – 5.00
Zinc	7440-66-6	<1.00
Cumene	98-82-8	0.25

Section 4 First Aid Measures

If inhaled: Immediately supply fresh air. Keep patient in restful and comfortable position for breathing. If not breathing, give artificial respiration. Get medical attention if symptoms persist.
In case of skin contact: Immediately wash off with soap and plenty of water, rinse thoroughly. Remove contaminated clothing and shoes. If skin irritation continues, consult a doctor.
In case of eye contact: Immediately rinse opened eye(s) for several minutes under running water. Remove contact lenses, if worn, continue flushing. If irritation persists, get medical assistance.
If swallowed: Immediately get medical attention. Never give anything by mouth to an unconscious person. Rinse mouth with water. Do not induce vomiting. Aspiration hazard if swallowed, can enter lungs and cause damage. If vomiting occurs the head should be kept low to avoid vomit entering the lungs. Maintain an open airway.
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 mixture

Formation of toxic gases is possible during heating or in the case of fire. Mixture in sealed and heated containers may cause an explosion hazard

Possible Hazardous Combustion Products

Carbon oxides, Metal oxide(s). 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

Clear fire area of unprotected personnel. Containers that are exposed to intense heat should be cooled with water. Avoid spreading burning liquid with water used for cooling purposes. Do not enter the fire area without protective gear. Fight fire from safe distance or a protected location. Wear self-contained breathing apparatus. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away. Remove all sources of ignition.
Avoid breathing vapors. Avoid contact with skin, eye and clothing. 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, sewage system, or any water source.
In the case of seepage into the ground, inform responsible authorities. Prevent from spreading (damming, barriers). Contain contaminated washing water and dispose of appropriately.

Methods and materials for containment and cleaning up

Ensure adequate ventilation. Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste. Do not flush with water or aqueous cleaning agents. Send for recover or disposal in suitable receptacles in accordance with local, State, and Federal regulations.

Section 7 Handling and Storage

Precautions for safe handling

Use normal precautions when handling flammable materials. For personal protection see Section 8. Do not breathe fumes or vapor. Do not allow material to contact skin. Provide appropriate exhaust ventilation. Do not eat, smoke, or drink during use. Keep away from ignition sources. Use only explosion proof equipment. Keep material out of reach of children. Wash thoroughly after handling.

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 in direct sunlight. Do not store with oxidizing and/or acidic materials.

Section 8 Exposure Controls/Personal Protection

Components with workplace control parameters

Chemical Name	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Xylenes (o-, m-, p-isomers)	100 ppm TWA; 435 mg/m³ TWA	150 ppm STEL 100 ppm TWA	Not Established
Isopropyl acetate	250 ppm TWA; 950 mg/m³ TWA	200 ppm STEL 100 ppm TWA	Not Established
Isopropyl alcohol	400 ppm TWA; 980 mg/m³ TWA	400 ppm STEL 200 ppm TWA	NIOSH: 400 ppm TWA; 980 mg/m³ TWA 500 ppm STEL; 1225 mg/m³ STEL
Toluene	200 ppm TWA	20 ppm TWA	NIOSH: 100 ppm TWA; 375 mg/m³ TWA 150 ppm STEL; 560 mg/m³ STEL
Ethylbenzene	100 ppm TWA; 435 mg/m³ TWA	20 ppm TWA	NIOSH: 100 ppm TWA; 435 mg/m³ TWA 125 ppm STEL; 545 mg/m³ STEL
Methyl ethyl ketone	100 ppm TWA; 435 mg/m³ TWA	300 ppm STEL 200 ppm TWA	NIOSH: 200 ppm TWA; 590 mg/m³ TWA 300 ppm STEL; 885 mg/m³ STEL
Methyl isobutyl ketone	200 ppm TWA; 590 mg/m³ TWA	75 ppm STEL 20 ppm TWA	NIOSH: 50 ppm TWA; 205 mg/m³ TWA 75 ppm STEL; 300 mg/m³ STEL
n-Butyl acetate	100 ppm TWA; 410 mg/m³ TWA	200 ppm STEL 150 ppm TWA	NIOSH: 150 ppm TWA; 710 mg/m³ TWA 200 ppm STEL; 950 mg/m³ STEL
Zinc stearate	15 mg/m³ (total dust) 5 mg/m³ (respirable fraction)	None established	NIOSH: 10 mg/m³ TWA (total dust); 5mg/m³ TWA (respirable dust)
Cumene	100 ppm TWA; 435 mg/m³ TWA	50 ppm TWA	NIOSH: 50 ppm TWA 245mg/m³ TWA

Appropriate engineering controls

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Provide local exhaust, and mechanical ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits.

Personal Protective Equipment

Eye/Face Protection: Avoid contact with eyes. use safety glasses equipped with side shields.
Wear goggles if there is a likelihood of a splashing hazard.
Contact lenses may absorb irritants and will concentrate the irritants on the eye.

Section 8 Exposure Controls/Personal Protection continued

Skin Protection: Prevent skin contact when handling material. Protective gloves are required for prolonged or repeated contact. Wear resistant gloves such as natural rubber, neoprene, buna N, or nitrile. Gloves should be replaced at the first sign of wear. An apron should be worn to prevent skin contact.
Respiratory Protection: In outdoor or open areas use NIOSH approved mechanical filter respirator to remove solid airborne particles of overspray if using a spray application. In restricted ventilation areas use a NIOSH approves chemical-mechanical filters. In confined areas use NIOSH approved airline type respirators or hoods.

Safety Stations

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

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

Appearance	Clear colorless liquid
Odor	Characteristic solvent
Odor Threshold	No data available
pH	No data available
Melting Point	No data available
VOC	79.0%
Boiling Range	34 - 238°C (93 - 460°F)
Flash Point	5°C (41°F)
Lower Explosive Limit	1.00
Upper Explosive Limit	No data available
Evaporation Rate	No data available
Vapor Pressure	14.3 mmHg
Vapor Density	3.05
Specific Gravity	0.902 ± 0.05
Water Solubility	Negligible
Coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Coating VOC (EPA calculation)	6.33 lb./gallon
Coating VOC (as supplied)	6.17 lb./gallon
Weight per Gallon (WPG)	7.50 lb./gallon at 25°C (77°F)

Section 10 Stability and Reactivity

Reactivity	Hazardous polymerization will not occur
Chemical Stability	Stable under recommended storage conditions
Conditions to avoid	Heat and open flames
Incompatible materials	Oxidizers, strong acids
Hazardous decomposition	Thermal decomposition may form toxic materials; carbon monoxide, carbon dioxide, various hydrocarbons

Section 11 Toxicological Information

Toxicity of Mixture

Oral Toxicity	LD50: 4,048 mg/kg
Inhalation Toxicity	LC50: 42 mg/L

Target Organs

Eyes, Kidneys, Liver, Central Nervous System, Skin, Respiratory System

Effects of Overexposure

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, or ACGIH

Naphtha, petroleum, hydrotreated light	EU REACH: Present
Ethylbenzene	IARC: Possible human carcinogen OSHA: listed
Methyl isobutyl ketone	IARC: Possible human carcinogen. OSHA: listed
Cumene	IARC: Possible human carcinogen. OSHA: listed

Section 12 Ecological Information

Toxicity	No relevant information available
Persistence and degradability	No relevant information available
Bioaccumulative potential	No relevant information available
Mobility in soil	No relevant information available
Results of PBT & vPvB assessment	No relevant information available

Section 13 Disposal Considerations

Waste Treatment Methods

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal of this product and any by-products must at all times comply with local, state and Federal regulations for hazardous wastes. All entities that store, transport or handle hazardous waste must take the necessary measures to prevent risks of pollution, release into the environment or damage to people and animals. Contact a licensed waste management company for detailed recommendations.

Contaminated Packaging

Waste packaging should be recycled. Care should be taken when handling emptied containers that have not been cleaned. Empty containers retain some product residues. Vapor from that residue may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers.

Section 14 Transport Information

DOT, IATA, IMDG

UN Number:	UN1263
Proper Shipping Name:	Paint
Hazard Class:	3
Packing Group:	II

Section 15 Regulatory Information

U.S. Federal Regulations

Emergency Planning and Community Right-To-Know Act (EPCRA), Comprehensive Environmental Response Compensation and Liability Act (CERCLA), and Clean Air Act (CAA), listed Hazardous Air Pollutants

Chemical Name	CAS Number	CERCLA RQ (lb.)	Section 313	CAA
Xylenes (o-, m-, p-isomers)	1330-20-7	100	Listed	Listed
Toluene	108-88-3	1,000	Listed	Listed
Ethylbenzene	100-41-4	1,000	Listed	Listed
Methyl ethyl ketone	78-93-3	5,000	Not listed	Listed
Methyl isobutyl ketone	108-10-1	5,000	Listed	Listed
n-Butyl acetate	123-86-4	5,000	Not listed	Not listed
Cumene	98-82-8	5,000	Listed	Listed

U.S. State Regulations

California Proposition 65: ⚠ WARNING: This product can expose you to chemicals including toluene, ethylbenzene, and methyl isobutyl ketone, 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

Inventories

Unites States – Section 8(b) Inventory (TSCA): All components listed
DSL (Canadian Domestic Substance List): All components listed
EINECS (European Inventory of Existing Chemical Substances): All components are not listed

Section 16 Other Information

Disclaimer

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