

Freeman Wood & Plaster Sealer Aerosol

Section 1 Identification

Product identifiers

Product name: Freeman Wood and Plaster Sealer Aerosol

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	4
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 Aerosols, Category 1
- Skin Corrosion/Irritation, Category 2
- Serious Eye Damage/Eye Irritation, Category 2
- Reproductive Toxicity, Category 2
- Aspiration Hazard, Category 1
- Specific Target Organ Toxicity, Single Exposure, Category 3
- Specific Target Organ Toxicity, Repeated Exposure, Category 2

GHS Label elements, including precautionary statements



Signal word

Danger

Hazard statements

- Extremely flammable aerosol.
- Causes skin irritation.
- May be fatal if swallowed and enters airways.
- Suspected of damaging fertility or the unborn child.
- Causes serious eye irritation.
- May cause drowsiness or dizziness.
- May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

Prevention

- Pressurized container. Do not pierce or burn, even after use.
- Keep container tightly closed.
- Do not spray on an open flame or other ignition source.

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Section 2 Hazards Identification continued

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 Do not breathe fumes or vapors.
 Wash skin thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Use only in a well-ventilated area.
 Wear protective gloves/protective clothing/eye protection/face protection.

Response

If on skin: Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 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.
 Do NOT induce vomiting.
 If swallowed, immediately call a poison control center or a physician.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 In case of fire, use alcohol resistant foam, dry chemical, carbon dioxide (CO₂) or dry sand to extinguish.

Storage

Store in a well-ventilated place.
 Do not expose to temperatures exceeding 50°C (122°F).

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

Harmful to aquatic life.

Section 3 Composition/Information on Ingredients

Ingredient Name	CAS Number	Weight Concentration %
Acetone	67-64-1	15-40
Propane	74-98-6	10-30
Xylene	1330-20-7	5-10
Isopropyl Acetate	108-21-4	5-10
Methyl Ethyl Ketone	78-93-3	3-7
Isopropyl Alcohol	67-63-0	1-5
Toluene	108-88-3	1-5
Naphtha, Petroleum, Hydrotreated Light	64742-49-0	1-5
Ethyl 3-Ethoxypropanoate	763-69-9	0.1-1
Ethylbenzene	100-41-4	0.1-1
4 Methyl-2-Pentanone	108-10-1	0.1-1
n-Butyl Acetate	123-86-4	0.1-1
Zinc Stearate	557-05-1	0.1-1

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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.

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.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

No data available.

Section 5 Fire-Fighting Measures

Extinguishing media

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

Unsuitable extinguishing media: Use of water spray when fighting fire may be inefficient.

Special hazards arising from the substance or mixture

Will be easily ignited by heat, sparks or flames. Sealed containers may rupture when heated.

Ruptured cylinders may rocket. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).

Hazardous Combustion Products

Carbon oxides, can form explosive vapor-air mixtures.

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Explosion data: Not sensitive to mechanical impact. Sensitive to static discharge.

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors, mist or gas. Remove all sources of ignition. Ensure adequate ventilation.

Remove all non-essential people from the area. For personal protection see section 8.

Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Avoid release to the environment. Dispose of contents/container to an approved waste disposal plant.

Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Take up with sand, earth or other noncombustible absorbent material Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water.

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Section 7 Handling and Storage

Precautions for safe handling

Do not puncture or incinerate. Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Avoid breathing vapors or mists. Contents under pressure. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

Conditions for safe storage, including any incompatibilities

Store at ambient temperatures in closed containers. Keep away from direct sunlight. Keep away from heat. Keep container closed when not in use. Product should be stored below 120°F. Keep away from open flames, hot surfaces and sources of ignition. No chemical incompatibilities.

Section 8 Exposure Controls/Personal Protection

Components with workplace control parameters

Ingredient	OSHA		ACGIH	
	PEL	STEL	TWA	STEL
Acetone	1000 ppm	2400 ppm	500 ppm	750 ppm
Propane	1000 ppm	None estab.	1000 ppm	None estab.
Xylene	100 ppm	None estab.	100 ppm	150 ppm
Isopropyl Acetate	100 ppm	200 ppm	250 ppm	None estab.
Isopropyl Alcohol	400 ppm	None estab.	200 ppm	400 ppm
Toluene	200 ppm	None estab.	20 ppm	200 ppm
Ethyl Benzene	100 ppm	None estab.	20 ppm	125 ppm
n-Butyl Acetate	150 ppm	None estab.	150 ppm	200 ppm
4-Methyl-2-Pentanone	100 ppm	None estab.	20 ppm	75 ppm
Methyl Ethyl Ketone	200 ppm	None estab.	200 ppm	300 ppm

Exposure controls

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

Safety glasses equipped with side shields.

Skin protection

Hand Protection

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

Section 8 Exposure Controls/Personal Protection continued

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	Aerosol
Odor	Solvent
Odor Threshold	No data available
pH	No data available
Melting Point	No data available
VOC Content	No data available
Boiling Range	-42°C (-44°F)
Flash Point	-58°C (-73°F)
Evaporation Rate	5.7
Flammability (solid, gas)	No data available
Upper Flammability Limit	16
Lower Flammability Limit	1
Vapor Pressure	No data available
Vapor Density	5.0
Relative Density (g/cc)	0.8
Water Solubility	Negligible
Coefficient: n-octanol/water	No data available
Auto-ignition Temperature	No data available
Viscosity	No data available
Explosive Properties	No data available
Oxidizing Properties	No data available

Section 10 Stability and Reactivity

Reactivity	No data available
Chemical stability	Stable under recommended storage conditions
Possibility of hazardous reactions	None under normal processing
Hazardous polymerization	Does not occur
Conditions to avoid	Heat and open flames
Incompatible materials	Oxidizers, strong acids
Hazardous decomposition	Thermal oxidative decomposition can produce carbon monoxide and carbon dioxide.

Section 11 Toxicological Information

Information on toxicological effects

Acute Oral Toxicity	LD50 Oral = 24533 mg/kg (calculated)
Acute Inhalation Toxicity	LC50 = 196.2 mg/L (calculated)
Acute Dermal Toxicity	LD50 Dermal = 1700mg/kg (calculated)
Respiratory or Skin Sensitization	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity	
IARC	Ethylbenzene is considered class 2B suspect human carcinogens.
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 carcinogen or potential 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.
Reproductive toxicity	May damage fertility or the unborn child
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:	No data available

Section 13 Disposal Considerations

Use safety containers for disposal. Contact a licensed contractor for detailed recommendations. Follow applicable Federal, State, and local regulations.

Section 14 Transport Information

DOT	Proper shipping name: Consumer commodity Hazard Class: ORM-D Reportable Quantity (RQ): Toluene: RQ kg= 2203.78, Xylenes isomers and mixture: RQ kg= 11350.00, Acetone: RQ kg= 5939.30 Description: Consumer commodity, ORM-D
IATA	UN-Number: ID8000 Proper Shipping Name: Consumer commodity Hazard Class: 9 ERG Code: 9L Description: ID8000, Consumer commodity, 9

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Section 14 Transport Information continued

IMDG UN-Number: UN1950
Proper Shipping Name: Aerosols
Hazard Class: 2
Subsidiary Class: See SP63
EmS No.: F-D, S-U
Description: UN1950, Aerosols, 2.1 (See SP63)

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, Chronic Health Hazard, Fire Hazard, Sudden Release of Pressure Hazard
SARA Toxic Chemical (40 CFR 372.65): Toluene, 1-5%
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

Canada

DSL (Canadian Domestic Substance List): All components listed

Section 16 Other Information

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