

Safety Data Sheet



Hardwood

Date of Preparation: July 28, 2015

Section 1 Chemical Product and Company Identification

1.1 Product identifiers

Product name: Hardwood

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

Identified uses: N/A

1.3 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

1.4 Emergency telephone number

Emergency Phone (800) 424-9300

| HMIS | |
|--------|---|
| H | 1 |
| F | 1 |
| R | 0 |
| PPE | |
| Sec. 8 | |

Section 2 Hazards Identification

2.1 Classification of the substance or mixture

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

This product is not hazardous in the form that it is shipped. It may become hazardous by downstream activities (e.g. grinding, sanding, cutting, pulverizing) that reduces its particle size. Those hazards are listed below.

Serious eye damage/eye irritation Category 2B

Sensitization, respiratory Category 1

Sensitization, skin Category 1

Carcinogenicity, Category 1A

Specific target organ toxicity, Single exposure Category 3 (respiratory)

2.2 GHS Label elements, including precautionary statements



Signal word

Danger

Hazard statements

Causes skin irritation.

Causes eye irritation.

May cause cancer.

May cause an allergic skin reaction.

May cause respiratory difficulties if inhaled.

May form combustible dust concentrations in air, if small particles of wood dust are generated during processing.

Hardwood

Section 2 Hazards Identification cont.

Precautionary statements

Prevention

- Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- 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 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 skin irritation occurs: Get medical advice/attention.
- If eye irritation persists: Get medical advice/attention.
- Take off contaminated clothing and wash before reuse.

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.

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

None.

Section 3 Composition/Information on Ingredients

3.1 Substance

| Ingredient Name | CAS Number |
|-----------------|--------------|
| Wood/wood dust | Not assigned |

Section 4 First Aid Measures

4.1 Description of first aid measures

If inhaled

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

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush 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.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

Hardwood

Section 5 Fire Fighting Measures

5.1 Extinguishing media

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

5.2 Special hazards arising from the substance or mixture

Nature of decomposition products not known.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available.

Section 6 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing any dust generated during use.

For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 Handling and Storage

7.1 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.

7.2 Conditions for safe storage, including any incompatibilities

Store at ambient temperatures in closed containers. This material can catch fire if overheated.

Do not heat this material above the flash point. Keep away from flame and open electrical coils.

No chemical incompatibilities.

Section 8 Exposure Controls/Personal Protection

8.1 Control parameters

Components with workplace control parameters

| Ingredient | OSHA | | ACGIH |
|----------------|--|--------------------------------------|---|
| | PEL | PEL | TWA |
| Wood/wood dust | 5 mg/m ³ (respirable fraction) | 15 mg/m ³ (total dust) | 1 mg/m ³ (inhalable fraction) |

8.2 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.

Hardwood

Section 8 Exposure Controls/Personal Protection cont.

8.3 Personal protective equipment

Eye/face protection

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

8.4 Skin protection

Hand Protection

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

Body Protection

Prevent skin contact when handling material.

8.5 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.

8.6 Safety Stations

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

8.7 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

9.1 Information on basic physical and chemical properties

| | |
|--|-------------------|
| Appearance | Solid wood |
| Odor | No data available |
| Odor Threshold | No data available |
| pH | No data available |
| Melting Point | No data available |
| VOC Content | No data available |
| Initial boiling point & boiling range | No data available |
| Flash Point (COC) | No data available |
| 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 |
| Relative density (g/cc) | No data available |
| Water Solubility | No data available |
| Coefficient: n-octanol/water | No data available |
| Auto-ignition temperature | 400-500°F |
| Viscosity | Solid |
| Explosive Properties | None |
| Oxidizing Properties | None |
| % Volatile | No data available |

Hardwood

Section 10 Stability and Reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None.

10.4 Conditions to avoid

Heat and open flames.

10.5 Incompatible materials

Oxidizing agents, peroxides.

10.6 Hazardous decomposition products

Thermal oxidative decomposition can produce CO and CO₂.

Section 11 Toxicological Information

11.1 Information on toxicological effects

| | |
|--|--------------------------------|
| Acute Oral toxicity | Low toxicity |
| Acute Inhalation toxicity | Irritant |
| Acute Dermal toxicity | May cause an allergic reaction |
| Skin corrosion/irritation | Skin irritant |
| Serious eye damage/eye irritation | Eye irritant |
| Respiratory or skin sensitization | Not a skin sensitizer |
| Germ cell mutagenicity | No data available |

Carcinogenicity

| | |
|--------------|---|
| IARC | Wood dust is considered a human carcinogen group 1. |
| 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 | Wood dust is known to be a human 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 | Not expected to be a hazard |
| Specific target organ toxicity - single exposure | May cause respiratory irritation |
| Specific target organ toxicity - repeated exposure | No data available |
| Aspiration hazard | Not expected to be a hazard |

Section 12 Ecological Information

| | |
|--|-------------------|
| 12.1 Toxicity | No data available |
| 12.2 Persistence and degradability | No data available |
| 12.3 Bioaccumulative potential | No data available |
| 12.4 Mobility in soil | No data available |
| 12.5 Results of PBT & vPvB assessment | No data available |

Hardwood

Section 13 Disposal Considerations

13.1 Disposal

Use safety containers for disposal. Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

Section 14 Transport Information

14.1 Shipping Name:

DOT: Not regulated

TDG: Not regulated

IMDG: Not regulated

IATA: Not regulated

Section 15 Regulatory Information

15.1 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): No components were identified

TSCA Inventory Status: All ingredients listed on TSCA inventory requirements

15.2 State Regulations

Wood/wood dust (CAS not assigned) is known by the State of California to cause cancer.

Wood/wood dust (CAS not assigned) is on the New Jersey and Pennsylvania Right to Know Lists.

Section 16 Other Information

16.1 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.