
1.) IDENTIFICATION

Product identifiers

Freeman T-7450 Foundry Board

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

Foundry board with a density of 74.9 lb./ft³. For industrial and professional use only.

Details of the supplier of the safety data sheet

Freeman Manufacturing & Supply Company
1101 Moore Road, Avon, OH 44011-4043 US
Telephone: +1 800 321-8511
E-mail: contactus@freemansupply.com

Emergency Telephone Number

CHEMTREC: 1 800 262-8200
+1 703 741-5500 (Worldwide)

2.) HAZARDS IDENTIFICATION

2.1. Classification in accordance with REACH and 29 CFR 1910.1200

Not classified as hazardous.

This product meets the definition of an article. There is no obligation to have a safety data sheet.

This information is provided to meet the demand of our customers and promote safe practices.

2.2. Label elements

There is no requirement for the product to be specially labelled.

2.3. Other hazards

Possible risk of dust explosion when milling.

3.) COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

None/none (according to Regulation (EC) No. 1907/2006 (REACH))

Chemical characterization: reaction product based on polyurethane

4.) FIRST AID MEASURES

4.1. Eye contact: Dust: immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contacts lenses. Get medical attention if irritation occurs.

Inhalation: Dust: remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact: Dust: flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion: Dust: wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

5.) FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Use an extinguishing agent suitable for the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition may produce water vapor and carbon dioxide, as well as carbon monoxide, nitrogen oxides, isocyanate vapor and traces of hydrogen cyanide possible.

5.3. Advice for firefighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Wear self-contained breathing apparatus and chemical protection suit. Collect contaminated firefighting water separately. Do not discharge into drains or rivers.

6.) ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures**
Avoid dust formation. Dust can create explosive mixture. Keep away from sources of ignition, no smoking.
Don't breathe dust. Provide adequate ventilation.
- 6.2. Environmental precautions**
No special measures are necessary.
- 6.3. Methods and materials for containment and cleaning up**
Take up mechanically, placing in appropriate containers for disposal. Avoid dust formation
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7.) HANDLING AND STORAGE

- 7.1. Precautions for safe handling**
No special measures are necessary if used correctly.
Avoid dust formation. Keep away from source of ignition. No smoking.
- 7.2. Conditions for safe storage, including any incompatibilities**
Store on a flat surface in a dry space at a temperature between 18°C and 25°C.
Keep away from direct sunlight and avoid temperature variations during transport and storage.
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8.) EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1. Control parameters**
Contains no substances with occupational exposure limit values.
Dust content in air should not rise above 6 mg/m³
- 8.2. Appropriate engineering controls:** No special measures necessary
Eye/face protection: Tightly fitting safety glasses / goggles.
Skin /hand protection: Protective gloves, clothing, safety shoes
Respiratory protection: While machining in case of dust formation wear a respirator approved for micro dust.
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9.) PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	solid, board/block
Color:	gray
Odor:	odorless
pH:	not available
Flash point:	not available
Density:	approximately 1.20 g/cm ³
Solubility:	not soluble in water

10.) STABILITY AND REACTIVITY

- 10.1. Reactivity**
No information available
- 10.2. Chemical stability**
The product is stable.
- 10.3. Possibility of hazardous reactions**
Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4. Condition to avoid**
No special measures are necessary. Do not heat above 200°C to avoid thermal decomposition.
- 10.5. Incompatible materials**
No information available
- 10.6. Hazardous decomposition products**
Machining polyurethane boards with a laser at processing temperatures above 200°C may produce visible soot, water vapor, carbon dioxide, carbon monoxide, nitrogenous compounds including nitrogen oxides, and traces of hydrogen cyanide and isocyanate vapors.
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11.) TOXICOLOGICAL INFORMATIONS**11.1. Information on toxicological effects**

Acute toxicity:	no data available
Irritation/corrosion:	dust particles are mechanically irritating eyes
Sensitization:	classification criteria are not met
Carcinogenicity:	classification criteria are not met
Aspiration hazard:	classification criteria are not met

11.2 Other hazards

Endocrine disrupting properties:	no data available.
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12.) ECOLOGICAL INFORMATION

12.1. Ecotoxicity:	not available
12.2. Persistence and degradability:	not degradable
12.3. Bio accumulative potential:	not available
12.4. Mobility in soil:	not available
12.5. Results of PBT and vPvB assessment:	criteria of PBT/vPvB according to the REACH Regulation, Annex XIII are not met.

13.) DISPOSAL CONSIDERATIONS

- 13.1** Dispose in compliance with local regulations. Recycling should be preferred to disposal.
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14.) TRANSPORT INFORMATION

- 14.1** Not regulated for transport in any mode.
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15.) REGULATORY INFORMATION**15.1. Safety, health and environmental regulations specific for the substance or mixture**

EPA Toxic Substances Control Act (TSCA) Status: All components are listed on TSCA.

REACH (Annex XVII): Not applicable

REACH - Candidate list of SVHC (Article 59): None of the components are listed ($\geq 0.1\%$)

- 15.2. Chemical safety assessment:** For this product a chemical safety assessment is not required.
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16.) OTHER INFORMATION:**Disclaimer**

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