

**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./ft<sup>3</sup>. 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

---

**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.

---

**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/m<sup>3</sup>

**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.

---

**9.) PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state:</b>	solid, board/block
<b>Color:</b>	gray
<b>Odor:</b>	odorless
<b>pH:</b>	not available
<b>Flash point:</b>	not available
<b>Density:</b>	approximately 1.20 g/cm <sup>3</sup>
<b>Solubility:</b>	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.

---

**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.

**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.**14.) TRANSPORT INFORMATION****14.1** Not regulated for transport in any mode.**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.**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 or 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.

Date of initial release: January 26, 2026