
1.) IDENTIFICATION

Product identifiers

Product name: Freeman T-7400 Foundry Board

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

Identified uses: 74 lb. density foundry board that offers excellent machinability and impact resistance for foundry pattern and core boxes. 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 U.S.A.
Phone (440) 934-1902
E-mail contactus@freemansupply.com

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

2.) HAZARDS IDENTIFICATION

2.1. GHS Classification of the substance or mixture in accordance with 29 CFR 1910.1200

This substance isn't classified as hazardous.

2.2. Label elements

There is no requirement for the product to be specially labelled

2.3. Other hazards

Danger of dust explosion when milling.

3.) COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: reaction product based on polyurethane.

Ingredients are not classified as health and/or environmental hazards, and/or are present below cut-off/concentration limits. Please take note that this document is not a legal requirement.

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.

4.2. Most important symptoms and effects, both acute and delayed potential acute health effects

There are no data available

4.3. Indication of any immediate medical attention and special treatment needed

There are no data available

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

Carbon monoxide, nitrogen oxide, isocyanate vapor and traces of hydrogen cyanide is 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.

Freeman T-7400 Foundry Board

Special protective equipment for fire-fighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode clothing for fire-fighters (including helmets, protective boots and gloves)

6.) ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

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 necessary if used correctly. Avoid dust formation.

Keep away from source of ignition. No smoking.

Advice on protection against fire and explosion: Dust can create explosive mixture.

7.2. Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. No special measures necessary. Keep away from direct sunlight and avoid temperature variations.

8.) EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Contains no substances with occupational exposure limit values

8.2. Appropriate engineering controls: No special measures necessary.

Eye/face protection: Dust production eyeglasses, wear suitable (dust-tight) gloves

Skin /hand protection: Protective clothing, safety shoes

Respiratory protection: While machining in case of dust formation wear a NIOSH-approved respirator or N-95.

9.) PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	solid, board/block
Color:	red
Odor:	odorless
pH:	not available
Flash point:	not available
Density:	1190 kg/m 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: Do not overheat > 200°C to avoid thermal decomposition

10.5. Incompatible materials: Not specific data available

10.6. Hazardous decomposition products: Carbon monoxide, nitrogen oxide, isocyanate vapor and traces of hydrogen cyanide are possible.

11.) TOXICOLOGICAL INFORMATIONS

11.1. Information on toxicological effects

Acute toxicity:	not 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

12.) ECOLOGICAL INFORMATION

12.1. Toxicity:	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:	not available

13.) DISPOSAL CONSIDERATIONS

Dispose in compliance of local regulations. Recycling should be preferred to disposal.

14.) TRANSPORT INFORMATION

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.

EU Regulation (EC) No. 1907/2006 (REACH) Article 57): None of the components are listed

National regulatory information: Not water contaminating

15.2. Chemical safety assessment: For this product a chemical safety assessment is not required.

16.) OTHER INFORMATION:

Training Advice:

All personnel using/handling these products should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

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