

Freeman M-4650 Modeling Board

Section 1 Identification

Product Identifiers

Product name: Freeman M-4650 Modeling Board

Relevant Identified Uses

Model making material

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

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

Section 2 Hazards Identification

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

This product is not hazardous in the form that it is shipped.

GHS Label Elements

Hazard Pictograms: Not Applicable

Other Hazards

When milling: danger of dust explosion.

Section 3 Composition/Information on Ingredients

Chemical Characterization

Reaction product based on polyurethane

Section 4 First Aid Measures

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.

Most Important Symptoms and Effects, Both Acute and Chronic

No data available.

Indication of any Immediate Medical Attention and Special Treatment Needed

No data available.

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Section 5 Fire-Fighting Measures

Suitable Extinguishing Media

Use an extinguishing agent suitable for the fire surroundings.

Special Hazards Arising from the Substance or Mixture

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

Advice for Fire-fighters

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.

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.

Section 6 Accidental Release Measures

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.

Environmental Precautions

No special measures are necessary.

Methods and Materials for Containment and Cleaning Up

Take up mechanically, placing in appropriate containers for disposal. Avoid dust formation.

Section 7 Handling and Storage

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.

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.

Section 8 Exposure Controls/Personal Protection

Components with Workplace Control Parameters

Contains no substances with occupational exposure limit values.

Appropriate Engineering Controls

No special measures necessary.

Personal protective equipment

Eye/Face Protection

Safety glasses or goggles are recommended when using this product. Ensure compliance with OSHA's PPE standard (29 CFR 1910.132 and .133) for eye and face protection. With product at ambient temperatures, use safety glasses equipped with side shields.

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Section 8 Exposure Controls/Personal Protection continued

Skin Protection

Impervious protective clothing and gloves recommended to prevent drying or irritation of skin. Ensure compliance with OSHA's PPE standards (29 CFR 1910.132 (general) and 138 (hand protection))

Respiratory Protection

A NIOSH approved dust mask or filtering face piece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded.

General Hygienic Practices

May form combustible dust concentrations in air. Keep away from sources of ignition. Avoid breathing dust. 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	Solid Board/Block
Color	Turquoise
Odor	Odorless
pH	Not applicable
Flash Point	Not applicable
Density	750 kg/m ³
Solubility in Water	Insoluble

Section 10 Stability and Reactivity

Reactivity

No data available

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid

No special measures are necessary. Do not overheat >200°C to avoid thermal decomposition.

Incompatible Materials

No data available

Hazardous Decomposition Products

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

Section 11 Toxicological Information

Acute Toxicity

No data available.

Irritation/Corrosion

Dust particles, like other inert materials, are mechanically irritating to the eyes.

Sensitization

Based on available data, classification criteria are not met.

Section 11 Toxicological Information continued

Carcinogenicity

Based on available data, classification criteria are not met.

Aspiration Hazard

Based on available data, classification criteria are not met.

Section 12 Ecological Information

Toxicity

No data available.

Persistence and Degradability

Not degradable.

Bio-accumulative Potential

No data available.

Mobility in Soil

No data available.

Results of PBT and vPvB Assessment

No data available.

Other Adverse Effects

No data available.

Section 13 Disposal Considerations

Waste Treatment/Methods of Disposal

Dispose in compliance with local, state, and federal regulations. Recycling should be preferred to disposal.

Section 14 Transport Information

Not regulated for transport according to ADR/RID, AND/ADNR, IMDG, and IATA.

Section 15 Regulatory Information

Safety, Health, and Environmental Regulations Specific for the Substance or Mixture EU Regulation (EC) No. 1907/2006 (REACH) Article 57)

None of the components are listed.

Section 16 Other Information

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