

Safety Data Sheet

Issue Date: May 20, 2015
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Section 1 – Identification

Product Identification: Medium Density Fiber Board (Cellulose Based)
 Product Name: 460 Homasote, 460 Sound Barrier (S/B)
 Recommended Use: Building Material
 Manufacturer: Homasote Company
 P.O. Box 7240
 West Trenton, NJ, 08628-0240
 Telephone: 609-883-3300. Fax: 609-883-3497
 Emergency Phone: Toll Free: 800-257-9491 Ext. 1500

Section 2 – Hazards Identification

The primary health hazard posed by this product is exposure to cellulose dust. See section 8.

Primary route of exposure (dust): Inhalation and/or eye contact.

Medical Conditions generally aggravated by exposure: Cellulose dust may aggravate existing respiratory conditions or allergies.

Target Organs: Eyes and respiratory system

Signs or symptoms of exposure: Irritation or redness

Acute Health Hazard: Not applicable for product in purchased form. Dust may be a mechanical irritant to the eyes.

Cellulose dust may pose a combustible dust explosion hazard if dust is sufficient concentration in an enclosed area and in proximity to an ignition source. As supplied and shipped, this product does not constitute a combustible dust explosive hazard.

Section 3 – Composition/Information on Ingredients

<u>Component</u>	<u>CAS</u>	<u>Weight %</u>
Paper Cellulose	65996-61-4	85-90
Starch	9005-25-8	4-9
Wax (paraffin)	8002-74-2	1-6
Copper Metaborate	39290-85-2	<0.1

Section 4 – First Aid Measures

Ingestion: Not applicable for product in purchased form.

Eye Contact: Dust may mechanically irritate the eyes, resulting in redness or watering. Treat dust in the eye as a foreign object. Flush with water to remove dust particles. Get medical help if irritation persists.

Skin Contact: No anticipated problem for product as purchased. Wash with water and mild soap.

Skin Absorption: Product is not absorbed through the skin

Inhalation: Excessive dust concentrations may cause dryness or unpleasant obstruction in the nasal passages. Remove to fresh air. Get medical help if persistent irritation, severe coughing, or breathing difficulty occurs.

HMIS Rating (0-4): Health = 0 Fire = 1 Physical Hazard = 0

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Section 5 – Fire Fighting Measures

Flash Point: Not available for finished product

Extinguishing Media: Water, carbon dioxide (CO₂), dry chemical, or foam as appropriate for surrounding fire.

Autoignition Temperature: 450 to 572 °F

Unusual Fire and Explosion Hazards: Fiberboard processing may result in the release of cellulose fibers. This product as shipped is unlikely to release sufficient dust to constitute a combustible dust explosive hazard. Depending on airborne concentration (greater than 40 grams/cubic meter), moisture content, particle diameter, surface area, and exposure to an ignition source, airborne cellulose dust may ignite.

Special Protective Equipment: As in any fire, wear NIOSH approved self contained breathing apparatus and appropriate protective clothing.

NFPA Rating (0-4): Health = 0 Fire = 1 Reactivity = 0

Section 6 – Accidental Release Measures

Not applicable for material in purchased form. Small pieces and dust should be swept up for recovery or disposal.

If sweeping up dust, use NIOSH approved filtering facepiece respirator (i.e. dust mask) and goggles where ventilation is not possible.

Section 7 – Handling and Storage

Precautions to be taken in handling and storage: Keep in cool dry place away from open flame and other sources of ignition. Maintain good housekeeping.

Because of the size of the boards, physical hazards are the predominant hazards. Safety shoes should be worn when moving the boards by hand or hand tools. Boards should be kept on flat, clean, and even surfaces to prevent tipping over.

Section 8 – Exposure Controls/Personal Protection

As produced and sold, no control or personal protection equipment for exposure is necessary.

If sawing or sanding, protection from dust is the primary concern.

RESPIRATORY PROTECTION – Use NIOSH approved filtering face piece respirator (dust mask) and goggles when processing this material.

PROTECTIVE GLOVES – Not required. However, cloth, canvas, or leather gloves are recommended to minimize potential scrapes and mechanical irritation from handling this product.

EYE PROTECTION – Approved goggles or tight fitting safety glasses are recommended during any operation that generates dust.

FEET PROTECTION – Steel toed shoes are recommended when handling the boards.

PROTECTIVE CLOTHING – Not needed for this material. Outer garments may be desirable in dusty areas.

WORK / HYGIENE PRACTICES – Follow good hygienic and housekeeping practices when cutting and sanding this material. Clean up areas where dust may settle to avoid accumulation of this combustible material.

VENTILATION – When processing (e.g. sanding, sawing), provide local exhaust as needed to control dust.

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Section 9 – Physical and Chemical Properties	
<p>Form: solid board Odor: none Melting Point: NA Ignition Temperature: 450 °F Density: 26 to 32 lb/ft³</p>	<p>Color: gray pH: NA Boiling Point: NA Flash Point: NA Solubility in water: negligible</p>
<p>Explosion Limit – Lower: 40 grams of dust per cubic meter air for cellulose dust</p>	
Section 10 – Stability and Reactivity	
<p>Reactivity: None Stability: Stable Conditions to avoid: Avoid open flame, sparks, and other sources of ignition. Incompatible Materials: Not Applicable Hazardous Decomposition or By-Products: Combustion products include carbon monoxide, carbon dioxide, and fine particulate in the form of smoke. Hazardous polymerization: Will not occur Sensitivity to mechanical impact: Not applicable Sensitivity to static discharge: Not applicable</p>	
Section 11 – Toxicological Information	
<p>Toxicity Data: None available for this product in purchased form.</p>	
Section 12 – Ecological Information	
<p>Ecotoxicity: Not available</p>	
Section 13 – Disposal Considerations	
<p>Waste Disposal Method: Dispose in accordance with federal, state, and local regulations. This material is not listed under any sections of the Resource Conservation and Recovery Act.</p>	
Section 14 – Transportation Information	
<p>Not regulated as a hazardous material by the U.S. Department of Transportation.</p>	

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Section 15 – Regulatory Information

CERCLA: This product does not contain any chemicals subject to reporting as a CERCLA hazardous substance under 40 CFR 302.4

EPCRA: This product does not contain any chemicals subject to reporting as a toxic chemical under EPCRA Section 313.

Section 16 – Other Information

Date Prepared: 5/20/2015

Website: www.homasote.com

List of Acronyms

ACGIH	American Conferences of Governmental Industrial Hygienists
CAS(RN)	Chemical Abstracts (Registry Number)
CERCLA	Comprehensive Emergency Response, Compensation, and Liability Act
EPCRA	Emergency Planning and Community Right-to-Know Act
HMIS	Hazardous Materials Identification System
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	OSHA Permissible Exposure Limit
TLV	Threshold Limit Values (Registered Trademark of ACGIH)
TWA	Time Weighted Average

The information contained herein is based on the present state of our knowledge.

The information contained herein characterizes the product with regard to the appropriate safety precautions.

The information contained herein does not represent a guarantee of the properties of the product.