

MATERIAL SAFETY DATA SHEET

Rev. Jan. 2012

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1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: **WOOD FLOUR / SHAVINGS**

Chemical Family: Lignocellulose

Composition Materials Co., 249 Pepes Farm Road, Milford, CT 06460
Phone: 203-874-6500 Fax: (203) 874-6505

2. COMPOSITION/INFORMATION ON INGREDIENTS

Natural Wood Product CAS# 9004-34-6 (Cellulose)

TSCA: Not Regulated

3. HAZARDS IDENTIFICATION

Material is light to dark colored granular or finely powdered solid. Avoid creating airborne dust. Avoid ignition sources. Provide ventilation. Avoid breathing dust or contact with eyes.

Potential Health Effects:

EYE: Solid or dusts may cause irritation or scratch the surface of the eye.

SKIN: May cause rash to sensitive individuals.

INHALATION: May aggravate asthma or hay fever.

Chronic Health Effects: None known.

Carcinogenicity: Not listed as a carcinogen by IARC, NTP, ACGIH or OSHA

4. FIRST AID MEASURES

EYES: Flush with water to remove dust. Consult a physician if irritation develops.

SKIN: Wash thoroughly with soap and water. Consult a physician if irritation develops.

INHALATION: Remove to fresh air if irritation or severe coughing develop. Get medical advice before returning to work area.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: N/A

AUTOIGNITION TEMPERATURE: Variable (typically 400-500° F)

EXTINGUISHING MEDIA: Foam, Dry Chemical, CO², Water, Sand.

SPECIAL FIRE FIGHTING PROCEDURES: Tends to smolder after combustion.

Use water to wet down wood to reduce the likelihood of ignition or dispersion of dust into the air. Remove burned or wet dust to open area after fire is extinguished.

UNUSUAL FIRE & EXPLOSION HAZARDS: Wood dust is a strong to severe explosion hazard, if a dust “cloud” contacts an ignition source.

6. ACCIDENTAL RELEASE MEASURES

Sweep or vacuum spills for recovery or disposal. Avoid creating dust conditions. Provide good ventilation where dust conditions may occur.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with eyes. Use in a well-ventilated area.

STORAGE: Store in a cool, dry area, away from ignition sources. Avoid high concentrations of air born dust. Partially burned or scorched wood dust can be hazardous to store.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Adequate general and local exhaust. To prevent sparks or other ignition sources in ventilation equipment, use of totally enclosed motors is recommended.

RESPIRATORY PROTECTION: Approved dust respirator under heavy dusting conditions. One-time use dust masks may be adequate for all but the most severe service.

SKIN PROTECTION: Protective gloves are recommended. Wash thoroughly before eating, smoking, applying cosmetics, etc. Launder work clothing before reuse.

EYE PROTECTION: Safety glasses with side shields, goggles and/or a face shield.

OTHER PROTECTIVE EQUIPMENT: If necessary, depending on conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A

MELTING POINT: N/A

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

SOLUBILITY IN WATER: Insoluble

EVAPORATION RATE: Solid

SPECIFIC GRAVITY (H²O=1): Varies depending on wood species and moisture content.

ODOR: Dependent on wood species.

APPEARANCE: Light to dark colored granular or finely powdered solid.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID): Excessive heat, ignition sources.

INCOMPATIBILITY: Avoid contact with oxidizing agents and drying oils.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal-oxidative degradation of wood produces irritating and toxic fumes and gases.

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable

11. TOXICOLOGICAL INFORMATION

N/A

12. ECOLOGICAL INFORMATION

Cleaned up material is not known to pose any significant ecological problems. Always comply with Federal, State and Local environmental regulations.

13. DISPOSAL CONSIDERATIONS

Place recovered wood dust in a container for proper disposal. Dump or discard in landfill or incinerate—in accordance with Federal, State and Local regulations.

14. TRANSPORT INFORMATION

DOT: Not Regulated.

NMF CLASSIFICATION: Class 50 – Item 113200

Cedar is Class 70 - Item 113220

15. REGULATORY INFORMATION

N/A

16. OTHER INFORMATION

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