

"P"

PLUNKETT-WEBSTER, INC.
2 CLINTON PLACE
NEW ROCHELLE, NY 10801

August 1994

To Our Customers:

As you may be aware, the Occupational Safety Hazard Administration (OSHA) requires that employers provide information and legible warnings for hazardous chemicals to which their workers are exposed. Effective August 11, 1994 wood dust generated from the sawing, sanding or shaping of non-treated wood or wood products is considered a hazardous chemical and, therefore, the OSHA Hazard Communication Standard applies.

Please take note of the two documents that are enclosed with this letter:

- 1) A Material Safety Data Sheet (MSDS);
- 2) A Wood Dust Warning Label.

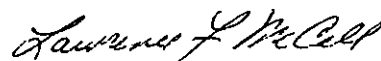
In order for your company to comply with the OSHA Standard, we recommend that you review and make available to those of your workers who will be exposed to wood dust the information contained within the MSDS. **Please note that the information within the MSDS applies only to non-treated wood products.**

Additionally, we recommend that you post copies or facsimiles of the enclosed Warning Label prominently at all work locations where exposure to wood dust will occur. OSHA requires the posting of this information, since solid wood does not come in a container (such as a drum or canister) that can readily be labeled.

Finally, OSHA requires that, should the wood products handled by your company be passed "downstream" to customers whose employees will process the wood in such a way that will generate wood dust, you must also transmit copies of the MSDS and Warning Label to those customers, just as we have sent them to you.

To the best of our knowledge, by following the above procedures, you will be in compliance with the new OSHA rules.

Yours truly,



Lawrence F. McCall
Plunkett-Webster, Inc.

Attachments

Wood Dust Label
Wood Dust MSDS

**MATERIAL SAFETY DATA SHEET
WOOD DUST**

TRADE NAME:	Wood Dust	SYNONYMS: None	CAS. NO.: None
DESCRIPTION:	Particles generated by any manual or mechanical cutting or Abrasion process performed on wood.		

PHYSICAL DATA

Boiling Point.	Not Applicable
Specific Gravity (Dependent on wood species and moisture content)	Variable
Vapor Density	Not Applicable
% Volatiles of Volume	Not Applicable
Melting Point	Not Applicable
Vapor Pressure	Not Applicable
Solubility in Water	Insoluble
Evaporation Rate (Butyl Acetate=1)	Not Applicable
pH	Not Applicable
Appearance & Odor colored granular solid. Color and odor are dependent on the wood species and time since dust was generated.	Light to dark

FIRE & EXPLOSION DATA

Flash Point	Not Applicable
Auto-ignition Temperature (Typically 400-500° F)	Variable
Explosive Limits in Air	40g/M ³ (LEL)
Extinguishing Media	Water, CO ₂ , Sand
Special Fire Fighting Procedure: Wet down wood dust with water to reduce the likelihood of ignition or dispersion of dust into the air. Remove burned or wet dust to open area after fire extinguished.	
Unusual Fire & Explosion Hazard Explosion hazard (if wood dust "cloud" contacts an ignition source).	Strong to severe

EMERGENCY & FIRST AID PROCEDURES

Eyes:	Flush with water to remove dust particles. If irritation persists, get medical attention.
Inhalation:	Remove to fresh air & get medical advice if persistent irritation, severe coughing, breathing difficulties occur, before returning to work where wood dust is present.
Ingestion:	Not Applicable
Skin:	Get medical advice if rash or persistent irritation or dermatitis occur, before returning to work where dust is present.

HEALTH EFFECTS DATA

Exposure Limit: ACGIH TLV(R):TWA-5.0 mg/³ STEL(15 Min.) - 10 mg/m³ (softwood), TWA - 1.0 mg/m³ (Certain hardwoods such as Beech and oak) - OSHA PEL: TWA - 5.0 mg/m³, STEL (15 min) - 10 mg/m³ (all soft and hard woods, except Western Red Cedar).

Skin & Eye Contact: Wood dust can cause eye irritation. Various species of wood dust can elicit allergic contact dermatitis in sensitized individuals

Inhalation: May Cause: nasal dryness, irritation & obstruction. Coughing, wheezing & sneezing; sinusitis & prolonged colds have also been reported.

Chronic Effects: Wood dust, depending on species, may cause dermatitis on prolonged, repetitive contact; may cause respiratory sensitization and/or irritation. Prolonged exposure to wood dust has been reported by some observers to be associated with nasal cancer. Wood dust is not listed as a carcinogen by IARC, NTP, ACGIH or OSHA.

MATERIAL SAFETY DATA SHEET
WOOD DUST, Continued

REACTIVITY DATA

Conditions Contributing to Instability: Stable under normal conditions.

Incompatibility: Avoid contact with oxidizing agents, drying oils & open flame. Product may ignite at temperatures in excess of 400° F.

Hazardous Decomposition Products:
Thermal-oxidative degradation of wood produces irritating & toxic fumes & gases including CO, aldehydes and inorganic acids.

Conditions Contributing To Polymerization: Not Applicable

GENERAL APPLICABLE CONTROL MEASURES

Ventilation: Provide adequate general & local exhaust ventilation to maintain healthful working conditions.

Safety Equipment: Provide goggles or safety glasses. Other protective equipment such as gloves & approved dust respirators may be needed depending upon dust conditions.

SPILL/LEAK CLEAN-UP PROCEDURES

Recovery or Disposal: Clean-up, sweep or vacuum spills for recovery or disposal. Avoid creating dust conditions. Provide good ventilation where dust conditions may occur. Place recovered wood dust in a container for proper disposal.

PRECAUTIONS & SAFE HANDLING

Eye Contact: Avoid

Skin Contact: Avoid repeated or prolonged contact with skin. Careful bathing & clean clothes are indicated after exposure.

Inhalation: Avoid repeated or prolonged breathing of wood dust in air.

Avoid: contact with oxidizing agents & drying oils; open flame.

IMPORTANT

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. There is no warranty of any kind, express or implied, concerning the accuracy or completeness of the information and data herein. Plunkett-Webster, Inc. will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate or otherwise misleading.

CAUTION

Wood Dust

PLUNKETT-WEBSTER, INC.
2 CLINTON PLACE
NEW ROCHELLE, NY 10801

(914) 636-8770

SAWING, SANDING OR MACHINING WOOD PRODUCTS CAN PRODUCE WOOD DUST WHICH CAN CAUSE A FLAMMABLE OR EXPLOSIVE HAZARD.

WOOD DUST MAY CAUSE LUNG, UPPER RESPIRATORY TRACT, EYE AND SKIN IRRITATION. SOME WOOD SPECIES MAY CAUSE DERMATITIS AND/OR RESPIRATORY ALLERGIC EFFECTS.

- Avoid dust contact with ignition source.
- Sweep or vacuum dust for recovery or disposal.
- Avoid prolonged or repeated breathing of wood dust in air.
- Avoid dust contact with eyes and skin.
- **FIRST AID:** If inhaled, remove to fresh air. In case of contact, flush eyes and skin with water. If irritation persists, call a physician.

For additional information, see the Material Safety Data Sheet.

This label is designed to address the requirements of the OSHA Hazard Communication Standard with respect to wood dust. You may want to consult other sources such as the American National Standards Institute for general guidance on the preparation of warnings.

IMPORTANT: The information and data contained herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Plunkett-Webster, Inc. makes no warranty of any kind, express or implied, concerning the accuracy or completeness of the information and data herein. Plunkett-Webster, Inc. will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading.