



Safety Data Sheet Wood Chips

Product Name: Wood Chips
SDS Date: 4/2015
Mfg: Frantz Company, Inc.
12314 West Silver Spring Dr.
Milwaukee, WI 53225
Product Info/Emergency Telephone: 414-462-8700

Wood chips are used for naturally smoking and flavoring processed meat products.

Hazardous Ingredients/Identity Information:

Chemical or Common Name/ CAS	Per cent	Exposure Limits
Hardwood Wood Chips	100	OSHA OIL-TWA None ACGIHILV-TWL 1 mg/m
OSHA		Occupational Safety and Health Administration
ACGIH		American Conference of Governmental Industrial Hygienists
TWA		Time-Weighted Average
TLV		Threshold Limit Value



Wood chips are flammable, dust particles are combustible.

Appearance and Odor:

Finely divided wood particles generated from sawing, sanding, routing, or chipping dimensional lumber.
Particles have slight aromatic odor depending on species.

This product is 100% natural wood material.

Health Hazard Data:

Primary Route of Exposure: Inhalation of Dust

Acute Health Hazards: Signs and symptoms of exposure/emergency and first aid procedures

Ingestion: N/A under normal use

Eye contact: Wood Dust may cause mechanical irritation. Treat dust in eye as foreign object. Flush with water to remove dust particles. Get medical attention if irritation persists.

Fire and Protection Hazard Data:

Flash Point (method used): N/A

Flammable Limits:

LEL: N/A

UEL: N/A

Extinguishing Media: Water, carbon dioxide, sand

Auto Ignition Temperature (F or C): 400—500 F

Special Firefighting Procedures: Use water to wet down wood dust to reduce dusty conditions. Remove burned, charred, or wet dust to secure area after fire is extinguished.

Unusual Fire and Explosion Hazards: Depending on moisture content and more importantly, particle diameter, wood dust may explode. An airborne concentration of 40 grams (40,000 mg) of dust per cubic meters of air is often used as the LEL for wood dusts.

Control Measures:

Other Protective Clothing or Equipment: N/A

Work Hygienic Practices: Follow good hygienic and housekeeping practices. Clean up areas where dust settles to avoid excessive accumulation of this combustible material. Minimize blow down or other practices which generate high airborne dust concentrations.

Ventilation:

Local Exhaust: Provide local exhaust as needed so that exposure limits are met.

Mechanical (General): Provide general ventilation in processing and storage areas as needed so that exposure limits are met.

Special: Self-contained breathing apparatus (SCBA) is recommended when fighting fires.

Precautions for Safe Handling and Use:

Wood chips may be vacuumed or shoveled for recovery or disposal. Avoid dusty conditions and provide good ventilation. Use NIOSH/MSHA approved respirator and goggles where ventilation is not possible.

Precautions to be taken in Handling & Storage:

No special handling precautions are required. Keep in cool, dry place away from flame. A NIOSH/MSHA approved respirator and goggles should be worn when the allowable exposure limits may be exceeded.

Control Measures:

Other Protective Clothing or Equipment: N/A

Work Hygienic Practices: Vacuum areas where dust settles to avoid excessive accumulation of this combustible material. Minimize blow down or other practices which generate high airborne dust concentrations.

Ventilation:

Local Exhaust: Provide local exhaust as needed so that exposure limits are met.

Mechanical (General): Provide general ventilation in processing and storage areas as needed so that exposure limits are met. The use of dust collection equipment is recommended if ventilation is poor.

Special: Self-contained breathing apparatus (SCBA) is recommended when fighting fires.

Appearance and Odor:

Finely divided wood particles generated from sawing, sanding, routing, or chipping dimensional lumber. Particles have slight aromatic odor depending on species.

Physical/Chemical Characteristics:

Vapor Pressure (mm Jg): N/A
Vapor Density (AIR = 1): N/A
Specific Gravity (H²O = 1): 0.40-0.80
Evaporation Rate (Butyl Acetate = 1): N/A
Solubility in Water: Less than 0.1%
% Volatile by Volume @ 70° F: 0

Reactivity Data:

Stability: Stable

Incompatibility (Materials to Avoid): Avoid contact with oxidizing agents. Avoid open flame. Product may ignite at temperatures in excess of 400° F.

Hazardous Decomposition or By Products: Thermal decomposition products include: carbon monoxide, carbon dioxide, aliphatic aldehydes, rosin acids, terpenes, and polycyclic aromatic hydrocarbons.

Hazardous Polymerization: Will not occur

Health Hazard Data:

Primary Route of Exposure: Inhalation of Dust

Acute Health Hazards: Signs and symptoms of exposure/emergency and first aid procedures

Ingestion: N/A under normal use

Eye contact: Wood chips may cause mechanical irritation. Treat dust in eye as foreign object. Flush with water to remove dust particles. Get medical attention if irritation persists.

Waste Disposal Method:

If disposed or discarded in its purchased form, incineration is preferable. Dry land disposal is acceptable in most states. It is however, the user's responsibility to determine at the time of disposal whether your product meets RCRA criteria for hazardous waste. Follow applicable federal, state, and local regulations.

Disclaimer: This information is based on the data presently available and to the best of our knowledge is accurate. But, Frantz Company, Inc. make no warranty, expressed or implied, regarding the accuracy of this data or the results obtained from its use; and, any use of the material itself or in combination with any other material or any process is the sole responsibility of the user.

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