

MATERIAL SAFETY DATA SHEET

HARDWOOD BARK MULCH

DATE ISSUED: 02/20/06
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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: METALMASTER

MANUFACTURER

TERRENEW, LLC
500 TECHNOLOGY FARM DRIVE
GENEVA, NY 14456

EMERGENCY PHONE NO:

315-398-0553

ADDITIONAL INFORMATION

315-787-2283

2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL OR SUBSTANCE NAME:

Shredded, aged and graded HARDWOOD BARK MULCH

PHYSICAL PROPERTIES:

Molecular Weight - N/A

Boiling Point, degrees F - N/A

Melting Point, degrees F - N/A

Vapor Pressure, mm Hg - N/A

Specific Gravity, water=1 - appx. 0.6

Vapor Density, air=1 - N/A

Percent Volatile - N/A

pH- N/A

Solubility in Water - Insoluble

Evaporation Rate, butyl acetate=1- N/A

Flash Point - N/A

Fire Extinguishing Media - Use water spray to wet burning area and surrounding material to prevent spreading. Remove wet and burned material to open area and rewet.

Monitor remaining material for 12-48 hours for fire restart.

Flammable Limits, percent by volume - N/A

Special Fire Fighting Procedures and Equipment - N/A
Unusual Fire and Explosion Hazards - None

REACTIVITY DATA:

Stability - Stable under normal temperature and pressure
Conditions to Avoid - Avoid excessive accumulation of dust and fine particles in storage units; avoid the proximity to ignition sources.
Incompatibility, materials to avoid - Oxidizing Agents. Keep contaminated product in covered metal can.
Hazardous Decomposition Products - Burning (thermal-oxidation) of wood products produces carbon oxides plus irritating, toxic fumes.
Hazardous Polymerization - N/A

HAZARDOUS INGREDIENT IDENTIFICATION:

Hardwood Dust

AGENCY	EXPOSURE LIMITS	COMMENT
OSHA	PEL-TWA 15 mg/m ³	Total dust
	PEL-TWA 5 mg/m ³	Respirable dust
AGCIH	TLV-TWA 1 mg/m ³	Selected hardwoods total dust

3. HAZARD IDENTIFICATION

APPEARANCE AND ODOR: Light to dark colored shredded wood barks of uniform mesh range having a moisture content of 20-40%. Aromatic/woody odor.
PRIMARY HAZARD EFFECTS: The primary health hazard posed by this material is thought to be due to inhaling dust. Inhalation of any dusts cause coughing, gagging and breathing difficulties. and may aggravate asthma.
All wood dusts have been implicated in causing skin irritation either by dermal abrasion or by exposure to unspecified chemicals in the wood.
Product is generally harmless if accidentally ingested in small quantities.
PRIMARY ROUTES OF EXPOSURE: Dust – skin contact and inhalation.
TOXICITY DATA:
Oral - N/A
Dermal - Wood dust is an eye, skin and mucus membrane irritant and may cause skin and pulmonary sensitization. The chronic effects of skin contact are not known
Carcinogenicity Listing - IRAC Monographs; wood dust, Group 1
Other Pertinent Data - N/A

4. EMERGENCY FIRST AID PROCEDURES

INGESTION: Not applicable under normal use.
EYE CONTACT: Treat dust in eye as foreign object. Flush with plenty of water for at least 15 minutes, and seek medical attention if irritation persists.

SKIN CONTACT: Not needed under normal conditions. Seek medical attention if irritation occurs and persists.

INHALATION Remove to fresh air. Seek medical attention if irritation or breathing difficulties occur.

5. SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTION EQUIPMENT;

Gloves - Recommended for sensitive individuals.

Eye Protection - Safety glasses or goggles.

Respiratory Protection - Mask or approved dust respirator in dusty conditions. If the exposure limit is exceeded and engineering controls are not feasible, wear a NIOSH/MSHA approved air purifying dust respirator appropriate to the contamination levels.

Other Protective Equipment- Use of outer-body work clothing recommended to reduce dermal exposure,

VENTILATION:

Provide general dilution ventilation or local exhaust ventilation.

Special - N/A

Other - N/A

6. SPILL AND DISPOSAL PROCEDURES

RELEASED OR SPILLED UNUSED MATERIALS:

Sweep or vacuum unused material for recovery or disposal, avoiding excessive dust.

Store in original or similar container.

Dispose of in landfill or incinerate.

SPILLED USED MATERIALS:

Scoop or sweep used material into covered metal container or other safe vessels avoiding all contact as it may have adsorbed unspecified contaminants.

Dispose of in accordance with local regulations, established protocols or handle as hazardous waste and send to a RCRA approved incinerator or dispose in a RCRA approved waste facility. Contact project contractor for removal of used materials and damaged equipment.

CLEAN WATER ACT REQUIREMENTS:

N/A

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) REQUIREMENTS:

N/A

7. REGULATORY INFORMATION

FDA: N/A

USDA: USDA self-certification (9 CFR 317.20): is FDA approved

CPSC: N/A

TSCA: N/A

DOT:

Proper Shipping Name - Wood Mulch

Hazardous Class - ORM-C

Label Required - None

Identification Number - None

Other Pertinent Information - Keep clean and dry until use.

IMPORTANT

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