



Safety Data Sheet

Issue Date: 02-Jan-2012

Revision Date: 04-Aug-2014

Version 1

1. IDENTIFICATION

Product Identifier

Product Name Wood Flour/ Shaving

Other means of identification

SDS # CMC-007

Other Information

This SDS conforms to the OSHA Hazcom Standard 2012 and is compliant with the Globally Harmonized System of Labelling and Classification of Chemicals (GHS).

Recommended use of the chemical and restrictions on use

Recommended Use Filler in manufacturing.

Details of the supplier of the safety data sheet

Supplier Address

Composition Materials Co., Inc.
249 Pepes Farm Road
Milford, CT 06460

Emergency Telephone Number

Company Phone Number 1-203-874-6500 (Business)

1-203-874-6505 (Fax)

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Light to dark colored
granular or finely powered solid

Physical State Granular or finely
powdered solid

Odor depends on wood species

Classification

Combustible dust

Hazards Not Otherwise Classified (HNOC)

May be harmful if inhaled

Signal Word

Warning

Hazard Statements

May form combustible dust concentrations in air

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Wood Dust Particles	9004-34-6	90-100

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES**First Aid Measures**

Eye Contact	Flush with water to remove dust. Consult a physician if irritation develops.
Skin Contact	Wash thoroughly with soap and water. Consult a physician if irritation develops.
Inhalation	Remove to fresh air if irritation or severe coughing develops. Get medical advice before returning to work area.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects

Symptoms	May be harmful if inhaled. Solid or dusts may cause irritation or scratch the surface of the eye. May cause rash to sensitive individuals. May aggravate asthma and hay fever.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Foam. Dry chemical. Carbon dioxide (CO2). Water. Sand/earth.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Wood dust is a strong to severe explosion hazard, if a dust "cloud" contacts an ignition source.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. 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.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal Precautions	Avoid dust conditions. Ensure adequate ventilation, especially in confined areas.
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Methods and material for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Clean-Up	Sweep or vacuum spills for recovery or disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid creating airborne dust. Avoid ignition sources. Avoid breathing dust or contact with eyes. Use only with adequate ventilation.

Conditions for safe storage, including any incompatibilities

Storage Conditions

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.

Incompatible Materials

Avoid contact with oxidizing agents and drying oils.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Wood Dust Particles 9004-34-6	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 5 mg/m ³ (vacated) STEL: 10 mg/m ³	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust TWA: 1 mg/m ³

Appropriate engineering controls

Engineering Controls

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

Individual protection measures, such as personal protective equipment

Eye/Face Protection

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

Skin and Body Protection

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

Respiratory Protection

Use approved dust respirator when airborne dust is expected.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Appearance

Granular or finely powdered solid

Light to dark colored granular or finely powdered solid

Odor

depends on wood species

Color

Not determined

Odor Threshold

Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not available	
Boiling Point/Boiling Range	Not available	
Flash Point	Not available	
Evaporation Rate	solid	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not available	
Vapor Density	Not available	
Specific Gravity	Varies depending on wood species and moisture content	(Water = 1)
Water Solubility	Insoluble in water	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	204-260 °C / 400-500 °F	Variable
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to Avoid

Excessive heat. Ignition sources.

Incompatible Materials

Avoid contact with oxidizing agents and drying oils.

Hazardous Decomposition Products

Thermal-oxidative degradation of wood produces irritating and toxic fumes and gases.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact

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

Skin Contact

May cause rash to sensitive individuals.

Inhalation

May aggravate asthma and hay fever.

Ingestion

Do not ingest.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Wood Dust Particles 9004-34-6	-	-	> 5800 mg/m ³ (Rat) 4 h

Information on physical, chemical and toxicological effects**Symptoms**

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Carcinogenicity**

Wood dust particles are considered to be a human carcinogen when in respirable form (dust / powder).

Chemical Name	ACGIH	IARC	NTP	OSHA
Wood Dust Particles 9004-34-6		Group 1	Known	X

Legend*IARC (International Agency for Research on Cancer)**Group 1 - Carcinogenic to Humans**NTP (National Toxicology Program)**Known - Known Carcinogen**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**X - Present***Numerical measures of toxicity**

Not determined

12. ECOLOGICAL INFORMATION**Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Not regulated
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Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations

SARA 313

Not determined

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Wood Dust Particles - 9004-34-6	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Wood Dust Particles 9004-34-6	X	X	X

16. OTHER INFORMATION

NFPA	Health Hazards	Flammability	Instability	Special Hazards
	Not determined	Not determined	Not determined	Not determined
HMIS	Health Hazards	Flammability	Physical Hazards	Personal Protection
	Not determined	Not determined	Not determined	Not determined

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Revision Note:	New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet