



Material Safety Data Sheet 2011

A. GENERAL INFORMATION

Product Name	Case Name	Trade Name
NewWood Composite Wood Product	N/A	Undertermined at the time of MSDS

Description

NewWood Manufacturing's composite boards may be considered a manufactured material. The composite board contains polymer and wood cellulose.

Manufacturer / Distributor	Phone Number	Supersedes Date	Effective Date
NewWood Manufacturing 100 Commerce Lane, Elma, WA 98541	360-482-0888	N/A	01/01/2011

B. FIRST AID MEASURES

Inhalation	Eye Contact	Skin Contact	Ingestion
Nuisance dust during mechanical use. Remove to fresh air if needed. If coughing or respiratory irritation occurs, get medical attention.	Flush thoroughly with running water for 15 minutes, including under the eyelids; mechanical effects only	Wash affected areas with soap and water. If rash or persistent irritation or dermatitis occurs, seek medical attention.	Not applicable under normal conditions of use.

C. HAZARDOUS INGREDIENTS (Mixture Only)

Material Or Component	CAS #	Percent
Polymer (mixture)	N/A	45%-50%
Wood cellulose (various soft and some hardwoods)	N/A	45%-50%

D. PHYSICAL HAZARDS INFORMATION

CONDITIONS OF FLAMMABILITY

Flash Point	Auto Ignition Temperature	Flammable Limits In Air (% By Vol.)
N/A	400-500 F	An airborne concentration of 40 grams of dust per cubic meter of air is often used as the lowest explosion limit (LEL) for wood dust.
	Dependent upon duration of exposure to heat source and other variables	

REACTIVITY

Conditions Contributing To Instability
Thermally stable at typical use temperatures

Incompatibility (Materials to avoid)
N/A

Hazardous Decomposition Products

Under fire conditions plastic polymers decompose. The smoke may contain polymer fragments of varying compositions in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include but are not limited to hydrogen chloride, carbon monoxide and carbon dioxide

Conditions Contributing To Hazardous Polymerization

N/A

E. HEALTH HAZARDS INFORMATION
Standards

COMPONENT

Panel Products: WOOD DUST

May cause nasal dryness, irritation, and obstruction. Depending in species, may cause respiratory sensitization and/or irritation.

Polymer (mixture). End-use exposure could occur as a nuisance dust during cutting, or mechanical use of this product.

OSHA PEL

8-hour TWA
15 mg/m3 (Total Dust)
5 mg/m3 (respirable)

Nuisance Dust – same as wood dust limits

SIGNS AND SYMPTOMS

Inhalation

Irritation, coughing, possible wheezing, Vapors are likely due to physical properties.

Skin Contact

Irritation

Skin Absorbtion

Unlikely exposure route.

Eye Contact

Irritation (mechanical)

Ingestion

Unlikely exposure route.

TOXICOLOGICAL INFORMATION

Wood dust may cause nasal dryness, irritation, coughing, wheezing and sneezing. Depending on species may cause respiratory sensitization and/or irritation

TARGET ORGAN EFFECTS INFORMATION

Respiratory system, eyes

CARCINOGENICITY INFORMATION

Wood dust is not listed as a potential cancer hazard by OSHA. The International Agency for Research and Cancer (IARC) and the National Toxicology Program (NTP) has classified wood dust as a carcinogen to humans (Group 1). This classification is based primarily on IARC's evaluation of increased risk in the occurrence of adenocarcinomas of the nasal cavities and Para nasal sinuses associated with exposure to wood dust.

F. PHYSICAL DATA

Material Is (at normal condition) Liquid X Solid Gas	Appearance And Odor: Depends on wood species	Boiling Point N/A	Freezing Point N/A
Specific Gravity (H ₂ O = 1) Less than 1	Vapor Density (Air=1) N/A	pH N/A	Vapor Pressure (mm Hg@200C) N/A
Evaporation Rate (Butyl-Acetate = 1)	% Volatiles by Volume (@200C) N/A		

G. SAFE HANDLING AND USE

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection (Type)

When cutting outdoors or well-ventilated areas, nuisance dust can be avoided. When cutting in an enclosed area, to avoid OSHA exposure limits, attach a vacuum to the saw or wear a NIOSH approved respirator.

Eye Protection

Recommend goggles or ANSI approved safety glasses as conditions indicate when sawing, sanding, or machining wood products.

Skin Protection

Gloves and outer garments may be used to reduce skin contact.

Other Clothing And Equipment

N/A

ENGINEERING CONTROLS

Ventilation Requirements

Provide local exhaust as necessary during sanding and sawing, to meet OSHA requirements for allowable exposure limits.

Other Type Of Engineering Controls

Due to the explosive potential of wood dust when suspended in air, precautions should be taken during sanding, sawing or machining of wood products to prevent sparks or other ignition sources in ventilation equipment.

STORAGE

Storage Requirments And Precautions

Store in dry area. Wood products are combustible so do not store near ignition sources or extreme temperatures.

H. ENVIRONMENTAL**DISPOSAL, SPILL OR LEAK PROCEDURES****Accidental Release Measures**

Not applicable for product in purchased form. Sweep or vacuum dust for recovery or disposal. Wood dust cleanup and disposal activities should be accomplished in a manner to minimize creation of airborne dust.

Neutralizing Chemicals And Waste Methods

This product is not considered hazardous waste under Federal Hazardous Waste Regulations 40 CFR 261. State and local requirements for waste disposal may be different from federal regulations. Incinerate or landfill in accordance with local, state and federal regulations.

Hazardous Waste Designation

Not Applicable

I. ADDITIONAL INFORMATION**CONSUMER PRODUCT LABEL/ D.O.T.**

The purpose of the Material Safety Data Sheet is to provide the information needed to allow the safe handling of hazardous substances used at work. While the information and recommendations set forth herein are believed to be correct, NewWood Manufacturing provides no warranties, either expressed or implied. Due to the variation in the polymer component of this product, it may contain trace amounts of hazardous and/or carcinogenic materials. The information contained in this MSDS is based on information obtained from sources believed to be accurate and reliable. The information on this data sheet represents our current data and the best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.