



SECTION I GENERAL INFORMATION

Manufacturer's Name:

Nordic Engineered Wood

Address:

185 Dorval Avenue, Suite 304
Dorval, QC H9S 5J9

Phone Numbers:

(514) 633-9661 or (866) 817-3418

Revision Date:

June 2005

Plant Location:

Chantiers Chibougamau
521, Merrill Road
Chibougamau, QC G8P 2K7

Emergency Number:

(418) 748-6481

SECTION II COMPOSITION AND INFORMATION ON INGREDIENTS

NAME	CAS NO.	ACGIH TLV		OSHA PEL	
		TWA	STEL	TWA	STEL
Wood Dust	N/A	1 mg/m ³	10 mg/m ³	5 mg/m ³	10 mg/m ³
Resin/Adhesive	N/A	10 mg/m ³ (inhalable)	-	15 mg/m ³ (inhalable)	-
Solids		3 mg/m ³ (respirable)	-	5 mg/m ³ (respirable)	-
Formaldehyde		0.3 ppm (ceiling)	-	0.75 ppm	2 ppm

SECTION III PHYSICAL AND CHEMICAL CHARACTERISTICS

Composition: Nordic Joist is manufactured with solid sawn Spruce-Pine-Fir flanges bonded to a composite web using exterior type adhesive. Web material is a cured composite of wood chips bound together using resins. Nordic Lam is manufactured by bonding solid sawn Spruce-Pine-Fir laminations with an exterior type adhesive. These products may contain more than 1% methylene diphenyl diisocyanate (MDI) as resins and more than 1% phenol formaldehyde as adhesives.

Appearance: Light brown wood products

Odor: Slight to none

pH: N/A

Specific Gravity (water = 1): 0.4 – 0.55

Melting Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Evaporation Rate: N/A

Solubility: N/A

Boiling Point: N/A

SECTION IV**FIRE AND EXPLOSION HAZARD DATA**

Flammability Characteristics: These products may ignite if exposed to temperatures exceeding 400° F. These products are combustible and may burn if exposed to open flames, high temperature objects or oxidizing chemicals.

Explosion Hazards: Airborne concentrations of finely divided wood and resin dust, when combined with an ignition source, can create a fire or explosion hazard if the concentration of wood dust exceeds 40 g/m³.

Flash Point: N/A

Extinguishing Media: Normal firefighting methods appropriate for surrounding fire, such as water or CO₂ extinguishment, may be used in case of fire.

Special Firefighting Procedures: Firefighters should wear self-contained breathing equipment and full protective clothing.

SECTION V**REACTIVITY DATA**

Stability: These products are stable under normal conditions.

Incompatibilities: Oxidizers.

Hazardous Decomposition or Byproducts: Toxic constituents which may be found in wood smoke include carbon monoxide, aldehydes and polycyclic aromatic hydrocarbons.

Hazardous Polymerization: Will not occur.

SECTION VI**TOXOLOGICAL INFORMATION**

Route(s) of Entry: Inhalation and contact with skin and eyes.

Health Hazards: Chronic exposure to wood dust in these products may cause dermatitis, respiratory irritation and increased risk of upper respiratory tract disease. Susceptible individuals may experience watery eyes and rhino rhea (runny nose). Polymerized diisocyanate containing resins in dust generated from cutting or sanding these products may irritate the eyes, skin, throat and upper respiratory system. Low concentrations (0.05 ppm or below) of formaldehyde off-gassing from these products may also irritate the eyes and respiratory system.

Carcinogenicity: Wood dust has been classified by the International Agency for Research on Cancer (IARC) as carcinogenic to humans in furniture and cabinet-making operations, and possibly carcinogenic to humans in carpentry and joinery operations. Formaldehyde has been classified by the IARC, the National Toxicology Program (NTP) and the ACGIH as either carcinogenic to humans or as a potential carcinogen. Formaldehyde is also regulated by OSHA as a human carcinogen.

Signs and Symptoms of Exposure: Potential symptoms of exposure to dusts from these products are similar to those from wood dust. These may include: irritation (redness) of the eyes; dermatitis (abnormality of the skin); cough, wheeze and inflammation of the sinus passages; possible epistaxis (nosebleed) and abnormal sensitivity of the respiratory system.

First Aid: Avoid prolonged exposure to dust levels in excess of the published standards. If symptoms of exposure are experienced or accidental over-exposure occurs, move the affected individual to fresh air. If eye or skin irritation is experienced, flush both eyes or affected area with large amounts of fresh water for at least 15 minutes. If irritation persists, or if foreign matter remains in the eye, seek medical attention. Respiratory ailments or pre-existing skin conditions may be aggravated by exposure to wood dust.

SECTION VII**PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be Taken in Case Material is Spilled: Shovel or sweep up spills and place in container for disposal.

Waste Disposal: This product is not a hazardous waste under federal law.

Note: This product is not regulated by DOT per 49 CFR 172.01.

SECTION VIII**CONTROL MEASURES**

Respiratory Protection: Use a NIOSH-approved dust respirator if ventilation is inadequate.

Ventilation: Provide ventilation adequate to keep airborne concentrations below the exposure limits.

Eye Protection: Wear vented safety goggles.

Protective Clothing: Wear gloves for routine handling.

Work Practices: Good housekeeping practices should be used to minimize dust levels in the air and to reduce the possibility of slipping on dust collected on floor surfaces.

SECTION IX**ADDITIONAL INFORMATION**

Disclaimer: This MSDS is intended solely for safety education and not for use in relation to specifications or warranties. The information presented in this MSDS was obtained from usually reliable sources and is provided without any representations or warranties regarding the accuracy or correctness. Since the handling, use and storage of this product is beyond our control, Nordic assumes no responsibility and disclaims liability for any loss, damage or expense arising therefore.

Comments: Nordic has attempted to provide a readable and informative MSDS for use with Nordic products. Should you have any comments or suggestions regarding this MSDS, please send them to Nordic, 185 Dorval Avenue, Suite 304, Dorval, QC H9S 5J9, or at info@nordicewp.com. Phone number: (514) 633-9661 or (866) 817-3418.

Note: Nordic periodically updates and revises its product information. To verify that this version is current, contact the number listed above.