



MATERIAL SAFETY DATA SHEET

TRADE NAME NORBORD MDF
PRODUCT IDENTIFICATION: Medium Density Fiberboard (MDF)
CAS No. None
DESCRIPTION An engineered wood panel product manufactured from refined wood fibers bonded together with synthetic resins under heat and pressure.

Section I

Manufacturer's Name Norbord MDF
Address Laurel Bank Avenue
 Deposit, NY 13754
Telephone Number 1-800-387-6338 (807-467-2600)
Date Prepared 3/01/94
Prepared By Darren Winchester (Technical Director)

Section II HAZARDOUS INGREDIENTS IDENTIFICATION INFORMATION

Hazardous Components	OSHA PEL	ACGIH TLV	%
Urea Formaldehyde Resin (Free Formaldehyde gas is less than 0.1% of resin mixture)	TWA = 0.75ppm STEL = 2ppm	Ceiling 0.3ppm	7-10%
Wax Emulsion	None	None	<1%
Wood Dust (All soft & hardwoods except Western red cedar)	TWA = 5mg/m3 STEL = 10mg/m3	TWA = 1mg/m3(Hardwood) TWA = 5mg/m3(Softwood)	

NOTES:

ACGIH = American Conference of Government Industrial Hygienists
 OSHA = Occupational Safety & Health Administration
 TLV = Threshold Limit Value
 PEL = Permissible Exposure Limit
 TWA = Time-weighted Average
 STEL = Short-Term Exposure Limit

Section III PHYSICAL DATA

Boiling Point Not Applicable
Specific Gravity < 1
Vapor Density Not Applicable
% Volatiles By Volume 0
Melting Point Not Applicable
Vapor Pressure Not Applicable
Solubility In Water (% by wt) < 0.1%
Evaporation Rate (Butyl Acetate = 1) Not Applicable
pH Not Applicable
Appearance and Odor Light tan, with an odor characteristic of wood species.

Section IV FIRE AND EXPLOSION HAZARD DATA

Flash Point Not Applicable
Auto Ignition Temperature Not Available (will depend upon duration of exposure to heat source and other variables)
Extinguishing Media Water, Carbon dioxide, Sand
Special Fire Fighting Procedures None
Unusual Fire and Explosion Hazards Sawing, sanding or machining can produce wood dust as a by-product which may present an explosion hazard if a dust cloud contacts an ignition source. An airborne concentration of 40 grams of dust per cubic meter of air is often used as the LEL for wood dust.

NOTE: LEL = Lower Explosive Limit