

# Material Safety Data Sheet

Name: MB4000W

Date: January 1st, 2013

## PRODUCT INFORMATION

Product Use: Whiteboard Repair Chemical Identity: Waterborne Polyurethane W,H,M,I,S B

Supplier: Solutions MB Inc. 850 Brock Road, Unit 1 Pickering, Ontario, Canada L1W 1Z8

FAX: 800-781-4328

Phone: 888-554-8844

Supersedes: NAP

Changes: NAP

Emergency Phone Number: 888-554-8844

Prepared by: Technical Department

Codes: NAP-Not Applicable; NAV:- Not Available; NR- Not Required; DG- Dangerous Goods

## HAZARDOUS INGREDIENTS

INGREDIENT	CAS#	% RANGE	OSHA/PEL		ACGIH/TVL		UNIT
			TWA	STEL	TWA	STEL	
DPnB Glycol Ether	29911-28-2	3-4%	100	150	100	No Info	ppm
Triethyl Amine	121-44-8	<1%	No Info	No Info	No Info	No Info	ppm
Glycol Ether DPM	34590-94-8	2-4%	25	No Info	1	3	ppm

(Only potentially hazardous materials listed) (Values are not product specifications)

Ratings: Health 1 Sight Flammability:.....0 Reactivity.....0 Special Warning.....0

## PHYSICAL DATA

Physical State: Liquid	Specific Gravity(Water=1): 1.02	Vapor Pressure: NAV
Vapor Density(Air+1): NAV	Evaporation Rate(Water=1): NAV	Boiling Point: 100 C
Freezing Point: NAV	Coeff. Of water/oil Dist: NAV	pH(undiluted): 8%
Odor Threshold: Mild Amine	Appearance & Odor: Milky White	Biodegradable: 75 %-28 days
Solubility in Water (20 C): Complete	VOC 70g/L of gross weight	Density 8.5 LB/gal

## FIRE AND EXPLOSION DATA

Flammability: No not in a liquid state only when water removed

Conditions to Avoid: Requires source of ignition, presence of & temperature greater than flash point.

Flash Point: > 212F (100C) (ASTM D93-80)

Extinguishment Media: All extinguishing media suitable

Special Procedures: When spraying use Respirator and protective clothing required.

Hazardous Combustion Products: No

Unusual Fire and Explosion Hazard: None

## TOXICOLOGICAL PROPERTIES

**Inhalation:** Avoid Inhalation, HDI vapors or mist at concentrations above the TVL or MGL can irritate (burning sensation) the mucous membranes in the respiratory track (nose, throat, lungs) causing runny nose, sore throat, coughing, chest discomfort, shortness of breath Exposure, well above the TLV or MGL may lead to bronchitis, bronchial spasm and fluid in the lungs. These effects are usually reversible.

**Skin:** Avoid Skin Contact; symptoms may include reddening, swelling or rash to sensitive skin

**Eyes:** Avoid Eye Contact; mild irritation, vapors or mist can cause tearing, reddening, and swelling.

**Ingestion:** Avoid ingestion, can result in irritation and possible corrosive action to stomach tissue and digestive tract.

**Carcinogenicity:** NTP: Not listed IARC: Not listed OSHA: Not regulated

Skin irritation or dermatitis may occur upon frequent or prolonged contact.

## REACTIVITY DATA

Stability: Stable

Conditions to Reactivity: None Known

Incompatible Materials: Water reactive

Hazardous decomposition Products: None Known

Hazardous Polymerization: Will not occur

## FIRST AID MEASURES

**Inhalation:** Remove to fresh air. Administer oxygen if breathing difficult. Restore breathing if necessary. Treat symptomatically. Consult a physician.

**Skin:** Wash affected areas with soap and water. Remove and wash contaminated clothing. Consult a physician if needed.

**Eyes:** Flush immediately with large amounts of water for at least 15 minutes. Take to physician if irritation persists.

**Ingestion:** Drink 1 or 2 glasses of water to dilute. DO NOT induce vomiting. Get medical help immediately

## PREVENTATIVE MEASURES

**Engineering Controls:** Follow ACIGH industrial recommendations.

**Handling & Storage Procedures:** Do not store above 120 F. Keep away from sparks, heat and flame

**Leak & Spill Procedures:** Contain spill, cover spill with sawdust, vermiculite, or other absorbent material

**Waste Disposal:** Dispose of in accordance within local, state/provincial and federal regulations. Incinerate in approved facility. Do not incinerate in closed containers.

## SPECIAL SHIPPING INFORMATION

<u>DG</u>	<u>PROPER SHIPPING NAME</u>	<u>TDGA CLASS</u>	<u>PIN NUMER</u>	<u>PACKING GROUP</u>
No	Not regulated			

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