

Material Safety Data Sheet

Name: MB4500W

Date: Jan, 10, 2013

PRODUCT INFORMATION

Product Use: Anti Graffiti Coating Chemical Identity: Waterborne Urethane 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 Prepared by: Technical Department
Emergency Phone Number: 888-554-8844
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	2 -5%	100	150	100	No Info	
Triethylanine	121-44-8	1%	No Info	No Info	No Info	No Info	
Glycol Ether DPM	34590-94-8	4-9%	25	No Info	1	3	

(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): 0.98 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 300 g/L when wet

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: Resperator 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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