

*** MATERIAL SAFETY DATA SHEET ***

Date of preparation: 04/01/11

4531-002

SECTION I PRODUCT IDENTIFICATION AND USE

Manufacturer	: W. R. MEADOWS® OF CANADA	- H M I S -	
Address	: 70 Hannant Court	Health	: 2
	: Milton, ON L9T 5C1	Fire	: 4
		Reactivity	: 0
Telephone #	: (905) 878-4122	Person Protection	:
Emergency #	: 1-800-424-9300 Chemtrec		

(Hazard Rating: 0=Least,1=Slight,2=Moderate,3=High,4=Extreme,*=Chronic)

Product Class : Class B, Division 2, Flammable Liquids, Class D, Division 2, Subdivision 2, Subdivision B, Toxic Materials
 Product Identification Number: 4531-002
 Product Identifier : P/G PRIMER – COMPONENT B
 Product Use : Concrete Joint Sealant

SECTION II HAZARDOUS INGREDIENTS

No. Hazardous Ingredient(s)*	CAS#	% By			ACGIH			SKIN
		Weight	LD50	LC50	TLV/TWA	TLV/Ceiling	TLV/STEL	
1. Xylene	1330-20-7	5 – 10	4300mg/kg*	5000 ppm/4H*	100 ppm	N/E	150 ppm	N/E
2. 2-Propanol	67-63-0	60 – 65	5840 mg/kg*	16000 ppm/8H*	400 ppm	N/E	500 ppm	N/E
3. Dimethylaminophenol	90-72-2	1 – 5	N/E	N/E	N/E	N/E	N/E	N/E

* A more complete disclosure will be provided to a physician or nurse in the event of a medical emergency. None of the components of this product are recognized as carcinogenic.

Component data is defined in accordance with Sub-paragraph 13 (a) (i) to (iv) of the Hazardous Product Act.

N/E = Not established * = RAT

SECTION III PHYSICAL DATA

Physical State	: Liquid	Vapour Density	: >1 (air = 1)
Specific Gravity	: 1.02	Evaporation Rate	: <1 (N-Buac = 1)
Odour/Appearance	: Clear light amber liquid, organic odour	Percent Volatile	: 73 (by volume)
Vapour Pressure	: Not Available	Freezing Point	: <0 degrees C.
pH	: Not Applicable	Boiling Point	: 81 degrees C.
Odour Threshold	: 20 ppm (Xylene)		

Coefficient of water/oil distribution: Not Available

SECTION IV FIRE AND EXPLOSION DATA

Conditions of Flammability: Ignition Sources	Autoignition temperature: >350 degrees C.
Means of extinction: Water fog, foam, dry chemical, Carbon Dioxide	Sensitivity to mechanical impact: No
Flash point and method: 1 degree C.	Sensitivity to static discharge: Yes
Flammability limits: LEL: 1.1 UEL: 7	

Hazardous combustion products: Carbon Monoxide, Carbon Dioxide and incomplete compustion products.

SECTION V REACTIVITY DATA

Chemical stability: Stable
 If no, under which conditions:
 Incompatibility (materials to avoid): Avoid oxidizing materials, strong alkalies, amines, alkanolamines.
 Conditions of reactivity: None

Hazardous decomposition products: None Known

SECTION VI TOXICOLOGICAL PROPERTIES

Route(s) of entry: Inhalation, skin contact
 Effect(s) of acute exposure to product:
EYE CONTACT: This product may cause severe irritation. Exposure may cause corneal injury resulting in permanent vision impairment, even blindness. Product vapors and mists may also be irritating to the yes.
SKIN CONTACT: Exposure may cause mild skin irritation. Prolonged or repeated contact may cause redness, burning, drying, and cracking of the skin. Persons with pre-existing skin disorders may be more susceptible to the effects of this material. Prolonged or repeated contact may result in defatting and drying of the skin which may result in dermatitis.
INHALATION: Exposure to excessive vapor concentrations may cause signs of transient central nervous system depression. (e.g., headache, drowsiness, loss of coordination, and fatigue). Reports have associated repeated and prolonged occupational overexposure to solvents with permanent

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brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

INGESTION: Based on the presence of component 1 this product is presumed to be slightly toxic. Based on the presence of components 1 and 2 small amounts of the liquid aspirated into the lungs during ingestion or from vomiting may result in severe lung damage. While this material has a low degree of toxicity, ingestion of excessive quantities may cause signs of central nervous system depression. (e.g., headache, fatigue, drowsiness, dizziness, and loss of coordination).

SIGNS AND SYMPTOMS: Symptoms of eye irritation include pain, tearing, reddening, and swelling. Symptoms of skin irritation include reddening, swelling, rash, and redness. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath, and reduced lung function. Symptoms of gastrointestinal irritation include sore throat, abdominal pain, nausea, vomiting, and diarrhea. Transient central nervous system depression may be evidenced by headache, dizziness, nausea, and symptoms of intoxication; in extreme cases, unconsciousness and death may occur. Symptoms of chronic overexposure include loss of memory, loss of intellectual, and loss of coordination.

Exposure limits: See Section II

Effect(s) of chronic exposure to product:

Carcinogenicity: No

Reproductive toxicity: Not established

Teratogenicity: Not established

Mutagenicity: Not established

Synergistic Properties: None Known

SECTION VII PREVENTIVE MEASURES

Personal protective equipment: Wear safety glasses, goggles, or a splash shield to prevent eye contact. Contact lenses should not be worn. Wear appropriate gloves and protective clothing to prevent contact with skin and clothing.

Engineering controls: Use ventilation as required to control vapour concentrations – at least 10 air changes per hour are recommended for good general room ventilation. IF exposure exceeds the PEL/TLV, use the appropriate NIOSH approved respirator.

Leak and spill procedures: LARGE SPILLS>> Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike and contain. Remove/extinguish ignition sources. If vapour cloud forms, water fog may be used to suppress: contain run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand or other suitable material: place in non-leaking containers for proper disposal. Flush area with water to remove trace residue: dispose of flush solutions as above. SMALL SPILLS>> Take up with an absorbent material and place in non-leaking containers: seal tightly for proper disposal.

Waste disposal: Observe all Provincial, Federal, State and local regulations regarding proper disposal.

Handling procedures/equipment: Handle as a flammable product.

Storage requirements: Store in a cool dry area, away from ignition sources. Keep containers closed when not in use.

Special shipping information: None

SECTION VIII FIRST AID MEASURES

EYE CONTACT: If irritation or redness develops, move victim away from exposure source and into fresh air. Flush eyes with water for fifteen (15) minutes. If symptoms persist, seek medical attention.

SKIN CONTACT: Remove contaminated shoes and clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.

INHALATION: If respiratory symptoms develop, move victim away from exposure source and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

INGESTION: Do not induce vomiting. If vomiting spontaneously occurs, keep the victim's head below the hips to prevent aspiration into the lungs. Since aspiration into the lungs can cause very serious, permanent damage, the decision of whether to induce vomiting or not should be made by a physician. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. Consult a physician, hospital, or poison control center and/or transport to an emergency facility immediately.

Keep liquid and vapour away from heat, sparks, and flame. Extinguish pilot lights, cigarettes, and turn off other possible sources of ignition prior to use and until vapours are gone. Surfaces that are sufficiently hot may ignite product in the absence of sparks or flame. Vapours may accumulate and travel to ignition sources distant from the handling site. Keep containers closed when not in use. Use with adequate ventilation. Containers, even if empty, can contain explosive vapours. Do not cut, drill, grind or weld near containers.

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The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of the product described herein.

SECTION IX PREPARATION OF MSDS

Prepared by: David Carey

Phone number: (847) 683-4500

Preparation date: 04/01/11

Product Identification Number: 4531-002