


SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product:	P/G PRIMER Component B	Part Number: 4531-002
Manufacturer:	W. R. MEADOWS® OF CANADA	Address: 70 Hannant Court Milton, Ontario Canada L9T 5C1
Telephone:	(905) 878-4122	In case of emergency, dial (800) 424-9300 (CHEMTREC)
Revision Date:	7/5/2016	
Product Use:	Two-Component Primer	

SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMIS		HAZARD STATEMENTS:	
Health	2	DANGER!	
Flammability	3	Flammable Liquid and Vapor.	
Reactivity	0	Harmful if Inhaled.	
Personal Protection		Causes skin burns and serious eye damage. May cause an allergic skin reaction. Prolonged/Repeated Exposure May Cause Organ Damage. May be Fatal if Ingested and Enters Airways.	
			PRECAUTIONARY STATEMENTS:
			Use Only in Well Ventilated area. Avoid Breathing Vapors and Direct Contact. Store in Well-Ventilated Location. Wear Appropriate Personal Protective Equipment. Control Vapors in Confined Spaces Utilizing Mechanical Ventilation.

SECTION 3: HAZARDS COMPONENTS

Chemical Name:	CAS Number	% by Weight	SARA 313	Vapor Pressure (mm Hg@20°C)	LEL (@25°C)
1. Toluene	108-88-3	55-60	Yes	26 mm hg @ 25°C	1.1
2. Amine Blend*	N/A	40-45	No	4.27 mbar@25°C	N/E

* Amine blend consists of the following materials: Diethylenetriamine (CAS# 111-40-7), Tetraethylenepentamine (CAS# 112-57-2), reaction products with Tetraethylenepentamine (CAS# 68953-36-6)

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313." N/E: Not Established

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

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

SKIN CONTACT: Wash affected areas with mild soap and water. Remove contaminated shoes/clothing. If symptoms persist, seek medical attention.

INHALATION: If respiratory symptoms develop, move victim 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.

INGESTION: Dilute with liquid unless the victim is unconscious or very drowsy. Do not induce vomiting. If vomiting spontaneously occurs, prevent lung aspiration. Seek immediate medical attention.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC: See Section Eleven for Symptoms/Effects.

SECTION 5: FIRE AND EXPLOSIVES HAZARDS

FLASHPOINT: 4°C

EXTINGUISHING MEDIA: Water fog, foam, dry chemical, or carbon dioxide.

CHEMICAL/COMBUSTION HAZARDS: Carbon monoxide, carbon dioxide, and incomplete combustion products.

PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT: Avoid smoke inhalation. Personal protective equipment should include helmet, face shield, bunker coat, gloves, rubber boots, and a positive pressure NIOSH-approved self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Avoid direct contact. Dike and contain spilled material. Remove source of spill if safe to do so. Evacuate all non-essential personnel from immediate area. Remove/extinguish ignition sources. A vapor-suppressing foam may be used to reduce vapor generation. Absorb with non-combustible absorbent and place in sealed containers for disposal. Control run-off and prevent from entering waterways, sewers, etc...Use non-sparking tools to collect spilled material, as well as contaminated absorbent.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING PROCEDURES: Avoid direct contact. Use adequate grounding when decanting.

SAFE STORAGE: Keep containers closed when not in use. Keep away from ignition sources.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

	OSHA				ACGIH			
	PEL	PEL/CEILING	PEL/STEL	SKIN	TWA	TLV/CEILING	TLV/STEL	SKIN
1. Toluene	100 ppm	300 ppm	150 ppm	Yes	20 ppm	N/E	N/E	Yes
2. Amine Blend	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E

N/E: Not Established

ENGINEERING CONTROLS: Use with adequate ventilation. Use explosion-proof equipment.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses, chemical resistant gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 114°C	VAPOR DENSITY: >1 (Air=1)	% VOLATILE BY VOLUME: N/E
EVAPORATION RATE: <1 (Ether=1)	pH LEVEL: N/A	% VOLATILE BY WEIGHT: N/E
WEIGHT PER GALLON: 7.6	PRODUCT APPEARANCE: Amber Liquid	VOC CONTENT: 600 g/L
ODOR: Solvent	ODOR THRESHOLD: N/D	MELTING/FREEZING POINT: N/D
FLASH POINT: See Section 5	FLAMMABILITY: N/D	UEL/LEL: N/D
VAPOR PRESSURE: N/D	RELATIVE DENSITY: N/D	SOLUBILITY: N/D
PARTITION COEFFICIENT: N/D	AUTOIGNITION TEMPERATURE: N/D	DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D		<i>N/D: Not Determined</i>

SECTION 10: STABILITY/REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS AND MATERIALS TO AVOID: Static discharge, heat, sparks, open flame, and strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide/dioxide, incomplete combustion products

SECTION 11: TOXICOLOGICAL INFORMATION

EYE CONTACT: Direct contact is severely irritating to the eyes, causing pain, redness, and swelling. Product is corrosive and may cause chemical burns. Product vapors may also be irritating.

SKIN CONTACT: Direct contact is severely irritating to the skin and may cause chemical burns. May cause skin sensitization. Skin absorption may produce systemic toxicity affecting the heart, lungs, liver, and kidneys. Reproductive and hearing impacts are also possible.

INHALATION: Mists/vapors may be severely irritating to the respiratory tract. Exposure to excessive vapor concentrations may cause signs of transient central nervous system depression (headache, drowsiness, loss of coordination, and fatigue). Repeated/prolonged occupational overexposures may result in permanent damage and can be potentially fatal.

INGESTION: If ingested and lung aspiration occurs, serious lung damage may result. Ingestion of excessive quantities may result in symptoms of central nervous system depression. If ingested, this product will cause severe irritation of the digestive tract with corrosive effects.

SIGNS AND SYMPTOMS: Symptoms of eye irritation include tearing, reddening, and swelling. Symptoms of skin irritation include reddening, swelling, rash, and redness. Symptoms of gastrointestinal irritation include abdominal pain, vomiting and diarrhea. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath, reduced lung function, and symptoms of central nervous system depression. Skin sensitization results in allergic dermatitis that may include rash, itching, hives, and swelling of extremities.

AGGRAVATED MEDICAL CONDITIONS: Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product.

OTHER HEALTH EFFECTS: ACGIH classifies Toluene as *not classifiable as a human carcinogen; A4*

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: N/E

DEGRADABILITY: N/E

BIOACCUMULATIVE POTENTIAL: N/E

SOIL MOBILITY: N/E

OTHER ADVERSE EFFECTS: None Recognized

SECTION 13: WASTE DISPOSAL INFORMATION

WASTE DISPOSAL INFORMATION: Product is considered a hazardous waste for disposal purposes. Utilize an appropriate disposal facility.

SECTION 14: TRANSPORTATION INFORMATION

HAZARDOUS/NON-HAZARDOUS MATERIAL: Hazardous

UN NUMBER: 2733

HAZARD CLASS: 3

PACKING GROUP: II

UN PROPER SHIPPING NAME: Polyamines, Flammable, Corrosive, N.O.S. (Organic Amines, Toluene)

ENVIRONMENTAL HAZARDS: Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

BULK TRANSPORTATION INFORMATION: Not applicable. Product not shipped in bulk configuration.

SPECIAL PRECAUTIONS: Keep containers closed. Avoid ignition sources.

SECTION 15: REGULATORY INFORMATION

OTHER REGULATORY CONSIDERATIONS: None recognized.

SECTION 16: OTHER INFORMATION

PREPARATION DATE: 7/5/2016

PREPARED BY: Dave Carey

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 this product described herein.
