

*** MATERIAL SAFETY DATA SHEET ***

Date of preparation: 05/11/2010

SECTION I PRODUCT IDENTIFICATION AND USE

Manufacturer : W. R. MEADOWS® OF CANADA

- H M I S -

Address : 70 Hannant Court
: Milton, Ontario L9T 5C1

|Health : 2|

|Fire : 3|

|Reactivity : 0|

|Person Protection : |

Telephone # : (905) 878-4122

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 B, Toxic Materials

Product Identification Number: 3300-237

Product Identifier : SEAL CURE™

Product Use : Concrete Curing and Sealing Compound

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	70 – 80	4300 mg/kg ⁺	5000 ppm/4H ⁺	100 ppm	N/E	150 ppm	NO
2. Ethyl Benzene	100-41-4	5 – 10	3500 mg/kg ⁺	N/E	100 ppm	N/E	125 ppm	NO
3. Ethylene Glycol Monobutyl Ether Acetate	112-07-2	1 – 5	2400 mg/kg ⁺	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	: > (air 1)
Specific Gravity	: 0.94 @ 15.5 degrees C.	Evaporation Rate	: < 1 (ether 1)
Odour/Appearance	: Amber liquid, Solvent odor	Percent Volatile	: 87 (by weight)
Vapour Pressure	: Not Established	Freezing Point	: Not Established
pH	: Not Applicable	Boiling Point	: 137 degrees C. (for Xylene)
Odour Threshold	: Not Applicable		
Coefficient of water/oil distribution: Not Available			

SECTION IV FIRE AND EXPLOSION DATA

Conditions of Flammability: Ignition sources	Autoignition temperature: Not Established
Means of extinction: Water fog, foam, dry chemical, or Carbon Dioxide	Sensitivity to mechanical impact: NO
Flash point and method: 26 degrees C., Tag Closed Cup-for Xylene	Sensitivity to static discharge: NO
Flammability limits: LEL: 1.1 UEL: 6.6	
Hazardous combustion products: Carbon Dioxide, Carbon Monoxide, and incomplete combustion products.	

SECTION V REACTIVITY DATA

Chemical stability Stable
If no, under which conditions:
Incompatibility (materials to avoid): Avoid oxidizing materials
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: Based on the presence of components 1 and 3 this product is presumed to be moderately irritating to the eyes. Product vapors and/or mists may also be irritating to the eyes.

SKIN CONTACT: Exposure may cause mild skin irritation. Prolonged or repeated contact may cause redness, burning, drying, and racking 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.

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INHALATION: Exposure to excessive vapor concentrations may cause signs or transient nervous system depression (e.g., headache, drowsiness, loss of coordination, and fatigue). Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

INGESTION: This product is presumed to be slightly toxic. Based on the presence of components 2 and 3 small amounts of 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 ability, and loss of coordination.

Exposure limits: See Section II

Effect(s) of chronic exposure to product: Based on the presence of component 3 kidney damage, breathing abnormalities, and blood abnormalities, may occur.

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 lens 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 vapor 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 use 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 are 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.

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. I center and/or transport to an emergency facility immediately. 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 moving 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.

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: 05/11/2010

Product Identification Number: 3300-237
