

\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*

This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this material. Please read the information on these sheets, and then provide this information to those people at your company whose responsibility it is to implement the "Workplace Hazardous Materials Information System (WHMIS)". Also make this information available to any employee who requests it.

Date of preparation: 3/3/11

7100-111

SECTION I PRODUCT IDENTIFICATION AND USE

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

(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: 7100-111
Product Identifier : ACRYSEAL H.S. CONCRETE AND PRECAST SEALER
Product Use : Concrete pre-cast sealer

SECTION II HAZARDOUS INGREDIENTS

Table with 9 columns: No. Hazardous Ingredient(s)\*, CAS#, % By Weight, LD50, LC50, ACGIH TLV/TWA, ACGIH TLV/Ceiling, ACGIH TLV/STEL, SKIN. Rows include Cumene, Xylene, 1,2,4-Trimethylbenzene, and Naphtha, Light Aromatic.

\* 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. \*\* = Rat

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

SECTION III PHYSICAL DATA

Physical State : Liquid Vapour Density : 4.1 (air=1)
Specific Gravity : 0.0869 @ 15.5 degrees C. Evaporation Rate : 0.75
Product Odour/Appearance : White liquid, aromatic odour Percent Volatile : 87
Vapour Pressure : 2.5 kPa @ 38 degrees C. Freezing Point : < 0 degrees C.
pH : Not applicable Boiling Point : 188 degrees C.
Odour Threshold : Not available
Coefficient of water/oil distribution : Not available

SECTION IV FIRE AND EXPLOSION DATA

Conditions of Flammability: Ignition sources Autoignition temp.: < 350 degrees C.
Means of extinction: Water fog, foam, dry chemical, or Carbon Dioxide Sensitivity to mechanical impact: No
Flash point and method: 28 degrees C., Tag Closed Cup Sensitivity to static discharge: No
Flammability limits: LEL: 1.1 UEL: 7
Hazardous combustion products: Carbon Monoxide, Carbon Dioxide and incomplete combustion products.

SECTION V REACTIVITY DATA

Chemical stability: Stable
If no, under which conditions:
Incompatibility (materials to avoid): Avoid oxidizing materials, strong acids, and strong alkalies.
Conditions of reactivity: None.
Hazardous decomposition products: None known.

SECTION VI TOXICOLOGICAL PROPERTIES

Route(s) of entry: Inhalation, skin absorption, skin contact.
(Continued)

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**Effect(s) of acute exposure to product:**

**EYE CONTACT:** Based on the presence of components 1, 2, 3, and 4 this product is presumed to be moderately irritating to the eyes. Product vapours and/or mists may also be irritating to the eyes.

**SKIN CONTACT:** Based on the presence of component 2 this product is presumed to be moderately irritating to the skin. Prolonged contact may cause damage to the skin. Prolonged or repeated contact may result in defatting and drying of the skin which may result in dermatitis.

**INHALATION:** Exposure may produce irritation to the nose, throat, respiratory tract, and other mucous membranes. Exposure to excessive vapour 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 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 components 2 and 4 this product is presumed to be slightly toxic. 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 ability, 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

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**SECTION VII PREVENTIVE MEASURES**

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**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. Handle "empty" containers 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

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**SECTION VIII FIRST AID MEASURES**

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**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. 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.

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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.

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**SECTION IX PREPARATION OF MSDS**

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Prepared by: David Carey

Phone number:(847) 683-4500

Preparation date:3/3/11

Product Identification Number: 7100-111