

*** MATERIAL SAFETY DATA SHEET ***

Date of preparation: 11/10/10

3300-301

SECTION I PRODUCT IDENTIFICATION AND USE

Manufacturer	: W. R. MEADOWS® OF CANADA	- H M I S -	
Address	: 70 Hannant Court	Health	: 1
	: Milton, ON L9T 5C1	Fire	: 2
		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 3, Combustible Liquids
 Product Identification Number: 3300-301
 Product Identifier : **CS-309™ CURING AND SEALING COMPOUND**
 Product Use : Concrete curing and sealing

SECTION II HAZARDOUS INGREDIENTS

No. Hazardous Ingredient(s)*	CAS#	% By			ACGIH			SKIN
		Weight	LD50	LC50	TLV/TWA	TLV/Ceiling	TLV/STEL	
1. Light Aromatic Naphtha	64742-95-6	55-60	N/A	N/A	N/E	N/E	N/E	NO
2. Xylene	1330-20-7	5-10	4300 mg/kg*	5000ppm/4H*	100 ppm	N/E	150 ppm	NO
3. 1,2,4-Trimethylbenzene	95-63-6	20-25	N/E	18 mg/m ³ 4H*	25 ppm	N/E	N/E	NO
4. Cumene	98-82-8	1-5	1400 mg/kg*	8000 ppm/4H*	50 ppm	N/E	N/E	YES
5. Ethyl Benzene	100-41-4	0-1	3500 mg/kg*	N/E	100 ppm	N/E	125 ppm	NO

* 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 N/A = Not applicable

SECTION III PHYSICAL DATA

Physical State	: Liquid	Vapour Density	: > 1 (air = 1)
Specific Gravity	: 0.88 @ 15 degrees C.	Evaporation Rate	: < 1 (ether = 1)
Odour/Appearance	: Light amber liquid, aromatic odour	Percent Volatile	: 90 (by volume)
Vapour Pressure	: 2.5 kPa @ 38 degrees C.	Freezing Point	: < 0 degrees C.
pH	: Not applicable	Boiling Point	: 151 degrees C.
Odour Threshold	: Not available		

Coefficient of water/oil distribution: Not Available

SECTION IV FIRE AND EXPLOSION DATA

Conditions of Flammability: Exposure to ignition sources	Autoignition temperature: >350 degrees C.
Means of extinction: Use water fog, foam, dry chemical or Carbon Dioxide	Sensitivity to mechanical impact: No
Flash point and method: 51 degrees C., Tag Closed Cup (estimate)	Sensitivity to static discharge: Yes
Flammability limits: LEL: 0.5 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 strong oxidizing agents
Conditions of reactivity: None
Hazardous Decomposition Products: None

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: 11/10/10
 Product Identification Number: 3300-301

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SECTION VI TOXICOLOGICAL PROPERTIES

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

Effect(s) of acute exposure to product:

EYE CONTACT: This product is presumed to be moderately irritating to the eyes. Exposure may cause corneal injury. Product vapours and/or mists may also be irritating to the eyes

Hazardous decomposition products: None

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

Effect(s) of acute exposure to product:

EYE CONTACT: This product is presumed to be moderately irritating to the eyes. Exposure may cause corneal injury. Product vapours and/or mists may also be irritating to the eyes.

SKIN CONTACT: 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 inhaling the contents may be harmful or fatal.

INGESTION: This product is presumed to be slightly toxic and may cause irritation of the gastrointestinal tract. 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, drowsiness, dizziness, loss of coordination, and fatigue).

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

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 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. Remove/extinguish ignition sources. Dike and contain. 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.

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

Handling procedures/equipment: Handle as a combustible 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: Immediately flush eyes with copious amounts of water for at least fifteen (15) minutes, while holding eyelids open. If symptoms persist, seek prompt medical attention.

SKIN CONTACT: Remove contaminated shoes and clothing. Cleanse affected area(s) thoroughly by washing with milk soap and water. If irritation or

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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. Vomiting will cause further damage to the throat. Dilute by giving water or milk to drink if the victim is conscious. Consult a physician hospital, or poison control center and/or transport to an emergency facility immediately.

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