

\*\*\* 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: 11/10/10

3551-200

SECTION I PRODUCT IDENTIFICATION AND USE

Manufacturer : W. R. MEADOWS® OF CANADA

- H M I S -

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

|Health : 1 |

|Fire : 3 |

|Reactivity : 0 |

|Personal 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 B2-Flammable Liquids, D2B-Skin Irritation, D2A-Teratogenicity & Embryotoxicity

Product Identification Number: 3551-200

Product Identifier: CS-309™-20 (VOC)

Product Use : Concrete Sealing Compound

SECTION II-A HAZARDOUS INGREDIENTS

No. Component	CAS#	% by Weight	LD50	LC50	TLV/TWA	TLV/CEILING	TLV/STEL	SKIN
1. Light Aromatic Naphtha	64742-95-6	25-30	N/A	N/A	N/E	N/E	N/E	N/E
2. 1,2,4-Trimethylbenzene	95-63-6	5-10	N/E	18 mg/m <sup>3</sup> 4h*	25 PPM	N/E	N/E	N/E
3. Tert-Butyl Acetate	540-88-5	40-45	4500 mg/kg*	4211 PPM*	200 PPM	N/E	N/E	N/E
4. Ethylene Glycol Mono-Butyl Ether Acetate	112-07-2	1-5	2400 mg/kg*	>450 ppm 4h*	20 PPM	N/E	N/E	N/E

\*A 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. N/E Not established N/A Not applicable \* Rat

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

SECTION III-B PHYSICAL DATA

Physical State : Liquid

Vapor Density: >1 (air 1)

Specific Gravity : 0.91 @ 15 degrees C.

Evaporation Rate: <1 (ether1)

Odour/Appearance : Clear liquid, aromatic odour

Percent Volatile: 80 (by weight)

Vapour Pressure : 2.5 kPa @ 38 degrees C.

Freezing Point < 0 degrees C.

pH : Not applicable

Boiling Point : 176 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 temp.: > 350 degrees C.

Means of extinction: Use water fog, foam, dry chemical, or Carbon Dioxide.

Sensitivity to mechanical Impact: No

Flash point and method: 17 degrees C., Tag Closed Cup

Sensitivity to static discharge: Yes

Flammability limits: LEL: 1.26% UEL: 6.88%

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

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**SECTION VI TOXICOLOGICAL PROPERTIES**

**Route (s) of entry:** Inhalation, skin absorption, and 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 and 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 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, abdominal pain, 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:** Component 4 has been shown to cause mild liver, blood and kidney abnormalities in laboratory animals.

**Carcinogenicity:** No

**Reproductive Toxicity:** Not established

**Teratogenicity:** No

**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 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 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 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 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:** 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 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. 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.

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: 3551-200