

\*\*\* 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: 06/29/11

7100-522

**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 : 1 |  
: |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 D, Division 1, Subdivision B, Toxic Materials

Product Identification Number: 7100-522

Product Identifier: **MEL-ROL® LM**

Product Use: Waterproofing

**SECTION II HAZARDOUS INGREDIENTS**

% By	ACGIH								
No. Hazardous Ingredient(s)*	CAS#	Weight	LD50	LC50	TLV/TWA	TLV/Ceiling	TLV/STEL	SKIN	
1. Petroleum Asphalt	8052-42-4	50-55	N/A	N/A	5 mg/m3	N/E	N/E	N/E	
2. Petroleum Lubricating Oil Base Stock	64742-65-0	5-10	N/A	N/A	5 mg/m3*	N/E	10 mg/m3*	N/E	

\* A more complete disclosure will be provided to a physician or nurse in the event of a medical emergen. 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/A Not applicable N/E Not established \* Mineral Oil Mist in air

**SECTION III PHYSICAL DATA**

Physical State : Liquid Vapour Density : Not applicable  
Specific Gravity : 1.00 Evaporation Rate : < 1 (ether 1)  
Product Odour/Appearance : Black viscous, asphaltic odour Percent Volatile : Not applicable  
Vapour Pressure : Not applicable Freezing Point : < 0 degrees C.  
pH : Not applicable Boiling Point : 100 degrees C.  
Odour Threshold : Not applicable  
Coefficient of water/oil distribution: Soluble in water

**SECTION IV FIRE AND EXPLOSION DATA**

Conditions of Flammability: Not applicable Autoignition temperature: Not available  
Means of extinction: Water fog,foam,dry chemical, or Carbon Dioxide Sensitivity to mechanical impact: No  
Flash point and method: Greater than 92 degrees C. (PMCC) Sensitivity to static discharge: No  
Flammability limits: LEL: N/A UEL: N/A  
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 and strong acids.  
Conditions of reactivity: None  
Hazardous decomposition products: Oxides and compounds of Nitrogen. Oxides and compounds of Sulfur.

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**SECTION VI**

**TOXICOLOGICAL PROPERTIES**

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**Route(s) of entry:** Skin contact.

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

**EYE CONTACT:** This product may cause mild eye irritation. Product vapors/mists may also cause irritation.

**SKIN CONTACT:** Exposure may cause mild skin irritation. Prolonged or repeated contact may cause redness, burning, drying, and cracking of the skin. Persons with pre-existing skin disorders may be more susceptible to the effects of this material. Based on the presence of component 1 prolonged or repeated contact may result in defatting and drying of the skin which may result in dermatitis.

**INHALATION:** Exposure is not expected via this route.

**INGESTION:** 1 single dose oral toxicity is low. Ingestion may cause irritation of the gastrointestinal tract and/or ulceration/burns in the throat and mouth.

**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.

**Exposure limits:** See Section II.

**Effect(s) of chronic exposure to product:** From skin-painting studies in laboratory animals, it has been concluded that some asphalts may possess weak carcinogenic activity. This means that workers who practice poor personal hygiene, and who are repeatedly exposed by direct skin contact with petroleum asphalt over many years, may potentially be at risk of developing skin cancer. Intermittent or occasional skin contact with petroleum asphalt is not expected to have serious health effects as long as good personal hygiene measures, such as those outlined in this Material Safety Data Sheet, are followed. In addition, asphalt vapors may contain polycyclic aromatic hydrocarbons, some of which are known to be carcinogenic. Therefore, prolonged breathing of vapors should be avoided.

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:** Under normal use conditions, ventilation is not required.

**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. If vapor 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:** Avoid direct contact with this material.

**Storage requirements:** Store in a cool dry area. 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:** Wash affected areas with mild soap and water. Do not use petroleum solvents to remove solid.

**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:** Dilute with liquid unless the victim is unconscious or very drowsy. If vomiting spontaneously occurs, keep the victim's head below the hips to prevent aspiration into the lungs. Consult a physician, hospital, or poison control center and/or transport to an emergency facility immediately.

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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: 06/29/11

Product Identification Number: 7100-522