



# SAFETY DATA SHEET

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

<b>Product:</b>	<b>AIR-SHIELD™ LM (ALL SEASON)</b>	<b>Part Number:</b>	<b>6516-0000</b>
<b>Manufacturer:</b>	<b>W. R. Meadows® of Canada</b>	<b>Address:</b>	70 Hannant Court Milton, Ontario Canada L9T 5C1
<b>Telephone:</b>	(905) 878-4122	In case of emergency, dial (800) 424-9300 (CHEMTREC)	
<b>Revision Date:</b>	1/31/2018		
<b>Product Use:</b>	Air/Vapor Liquid Moisture Barrier		

## SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMIS	HAZARD STATEMENTS		
	<b>WARNING!</b>		
Health	1		Flammable liquid and vapor.
Flammability	2		Causes skin, eye, respiratory irritation.
Reactivity	0		Suspected of causing genetic defects.
Personal Protection			Causes damage to liver, kidneys, lungs, and blood.
			Harmful if inhaled. May be fatal if ingested and enters airway.
	<b>PRECAUTIONARY STATEMENTS</b>		
		Use only in well-ventilated areas.	
		Avoid breathing vapors and direct contact.	
		Store in well-ventilated location.	
		Wear appropriate personal protective equipment.	
		Keep away from ignition sources.	
		Control vapors in confined spaces utilizing mechanical ventilation.	

## SECTION 3: HAZARDS COMPONENTS

<u>Chemical Name:</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>SARA 313</u>	<u>Vapor Pressure (mm Hg@20°C)</u>	<u>LEL (@25°C)</u>
1. Xylene	1330-20-7	1-5	Yes	6.6	1.1
2. Light Aromatic Naphtha	64742-95-6	20-25	No	<10 @ 25°C	0.9
3. Petroleum Asphalt	8052-42-4	30-35	No	N/A	N/A
4. Petroleum Oil	64742-52-5	5-10	No	N/A	N/A
5. 1,2,4-Trimethylbenzene	95-63-6	5-10	Yes	N/A	0.9

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313." N/A: Not Applicable

## SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT:** Move victim 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. Product may be difficult to remove. Do not use petroleum solvents.

**INHALATION:** If respiratory symptoms develop, move victim from exposure source and into fresh air. If symptoms persist, seek medical attention.

**INGESTION:** Not anticipated to be an exposure route. If ingested, do not induce vomiting. Dilute by giving victim water or milk. Seek immediate medical attention.

**MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC:** See Section Eleven for Symptoms/Effects.

## SECTION 5: FIRE AND EXPLOSIVES HAZARDS

**FLASHPOINT:** 39.5°C (TCC)

**EXTINGUISHING MEDIA:** Water fog, foam, dry chemical, or carbon dioxide.

**CHEMICAL/COMBUSTION HAZARDS:** Oxides/compounds of nitrogen/sulfur, carbon dioxide, carbon monoxide, and incomplete combustion products.

**PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT:** Avoid direct contact. Use of eye protection and chemical-resistant gloves is recommended. Respiratory protection may be required if excessive vapor concentrations are present.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURES:** Evacuate the hazard area of unprotected personnel. Remove/extinguish ignition sources. Dike and contain. Wear appropriate personal protective equipment. Place spilled material in sealed/covered containers for disposal.

## SECTION 7: HANDLING AND STORAGE

**SAFE HANDLING PROCEDURES:** Avoid direct contact. For exterior use only. Avoid ignition sources.

**SAFE STORAGE:** Keep containers closed when not in use. Store away from ignition sources.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name:	OSHA				ACGIH			
	PEL	PEL/CEILING	PEL/STEL	SKIN	TWA	TLV/CEILING	TLV/STEL	SKIN
1. Xylene	100 ppm	N/E	N/E	N/E	100 ppm	N/E	150 ppm	N/E
2. Light Aromatic Naphtha	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
3. Petroleum Asphalt	5 mg/m <sup>3*</sup>	N/E	N/E	N/E	5 mg/m <sup>3*</sup>	N/E	N/E	N/E
4. Petroleum Oil	5 mg/m <sup>3*</sup>	N/E	N/E	N/E	5 mg/m <sup>3*</sup>	N/E	10 mg/m <sup>3*</sup>	N/E
5. 1,2,4-Trimethylbenzene	25 ppm	N/E	N/E	No	25 ppm	N/E	N/E	No

\*: Asphalt Fumes

\*: Petroleum Oil mist in air

N/E: Not Established

**ENGINEERING CONTROLS:** Use with adequate ventilation. Use explosion-proof equipment.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses, chemical-resistant gloves.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>BOILING POINT:</b> 134°C for xylene	<b>VAPOR DENSITY:</b> >1 (air=1)	<b>% VOLATILE BY VOLUME:</b> N/E
<b>EVAPORATION RATE:</b> <1 (ether=1)	<b>pH LEVEL:</b> N/A	<b>% VOLATILE BY WEIGHT:</b> 36 (approximate)
<b>WEIGHT PER GALLON:</b> 8.62	<b>PRODUCT APPEARANCE:</b> Black, heavy liquid	<b>VOC CONTENT:</b> 371 g/L
<b>ODOR:</b> Mild Solvent	<b>ODOR THRESHOLD:</b> N/D	<b>MELTING/FREEZING POINT:</b> N/D
<b>FLASH POINT:</b> See Section 5	<b>FLAMMABILITY:</b> N/D	<b>UEL/LEL:</b> N/D
<b>VAPOR PRESSURE:</b> N/D	<b>RELATIVE DENSITY:</b> N/D	<b>SOLUBILITY:</b> N/D
<b>PARTITION COEFFICIENT:</b> N/D	<b>AUTOIGNITION TEMPERATURE:</b> N/D	<b>DECOMPOSITION TEMPERATURE:</b> N/D
<b>VISCOSITY:</b> N/D		N/D: Not Determined

## SECTION 10: STABILITY/REACTIVITY

**STABILITY:** Stable. **HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS AND MATERIALS TO AVOID:** Oxidizing agents, strong acids, strong alkalis.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, carbon monoxide, oxides/compounds of nitrogen/sulfur, and incomplete combustion products.

## SECTION 11: TOXICOLOGICAL INFORMATION

**EYE CONTACT:** Direct contact may result in moderate irritation. Product vapors/mists may also cause irritation.

**SKIN CONTACT:** Direct contact may cause mild skin irritation. Prolonged/repeated contact may result in skin irritation/dermatitis.

**INHALATION:** Exposure to excessive vapor concentrations may result in transient central nervous system depression (headache, fatigue, drowsiness, loss of coordination). Intentional misuse by deliberately concentrating/inhaling vapors may be harmful or fatal. Repeated/prolonged occupational exposures to solvents may cause permanent brain and nervous system damage.

**INGESTION:** Not anticipated to be an exposure route. Ingestion will cause irritation of the digestive tract.

**SIGNS AND SYMPTOMS:** Symptoms of eye irritation include tearing, reddening, and swelling. Symptoms of skin irritation include redness and swelling. Gastrointestinal irritation symptoms include nausea, vomiting, and abdominal discomfort. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath, and reduced lung function. Symptoms of transient central nervous system depression include: headache, fatigue, drowsiness, dizziness, and loss of coordination.

**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product.

**OTHER HEALTH EFFECTS:** Xylene and Aromatic Naphtha have been shown to cause the following effects in laboratory animals: liver/kidney effects, blood abnormalities, effects on the spleen, testes, nervous system, adrenals, cardiovascular system, and harm to the fetus. The relevance to humans is uncertain.

## SECTION 12: ECOLOGICAL INFORMATION

<b>ECOTOXICITY:</b> N/E	<b>DEGRADABILITY:</b> N/E	<b>BIOACCUMULATIVE POTENTIAL:</b> N/E
<b>SOIL MOBILITY:</b> N/E	<b>OTHER ADVERSE EFFECTS:</b> N/E	

## SECTION 13: WASTE DISPOSAL INFORMATION

**WASTE DISPOSAL INFORMATION:** Product will be classified as a hazardous waste (D001). Suitable for fuel blending.

## SECTION 14: TRANSPORTATION INFORMATION

**HAZARDOUS/NON-HAZARDOUS MATERIAL:** Not regulated by domestic ground shipment.

**UN NUMBER:** None **HAZARD CLASS:** None **PACKING GROUP:** None

**UN PROPER SHIPPING NAME:** None.

**ENVIRONMENTAL HAZARDS:** None recognized.

**BULK TRANSPORTATION INFORMATION:** Not applicable. Product not supplied in bulk configuration.

**SPECIAL PRECAUTIONS:** None.

## SECTION 15: REGULATORY INFORMATION

**OTHER REGULATORY CONSIDERATIONS:** None recognized.

## SECTION 16: OTHER INFORMATION

**PREPARATION DATE:** 1/31/2018  
**PREPARED BY:** Dave Carey

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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 this product described herein.*

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