

Date of preparation: 09/05/03

**SECTION I**

**Manufacturer** : W. R. MEADOWS, INC.  
**Address** : 300 Industrial Drive  
 : Hampshire, Illinois 60140  
  
**Telephone #** : (847) 683-4500  
**Emergency #** : 1-800-424-9300 Chemtrec

**- H M I S -**

Health	: 0
Flammability	: 0
Reactivity	: 0
Personal Protection :	

(Hazard Rating: 0=Least,1=Slight,2=Moderate,3=High,4=Extreme,\*=Chronic)

**Product Class** : DIVISION 7  
**Mfg. code I.D.** : 5115000  
**Trade Name** : **AIR SHIELD**

**SECTION II-A HAZARDOUS COMPONENTS**

No.	Component	CAS#	% by Weight	SARA 313	VAPOR PRESSURE (mm Hg @ 20 C)	LEL (@ 25 C)
1.	Petroleum Asphalt	8052-42-4	80-85	NO	N/A	N/A
2.	Poly (Butadiene Co-Styrene)	9003-55-8	10-15	NO	N/A	N/A

AIR SHIELD is defined by OSHA (29 CFR Part 1910) as an "Article". A manufactured item which is formed to a specific shape or design during manufacture which does not release or otherwise result in exposure to a hazardous chemical under normal conditions of use.

None of the components of this product are recognized as carcinogenic. N/A: Not Applicable

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313".

**SECTION II-B OCCUPATIONAL EXPOSURE LIMITS**

No.	OSHA				ACGIH			
	PEL/TWA	PEL/CEILING	PEL/STEL	SKIN	TLV/TWA	TLV/CEILING	TLV/STEL	SKIN
1.	5 mg/m <sup>3</sup> *	N/E	N/E	N/E	5 mg/m <sup>3</sup> *	N/E	N/E	N/E
2.	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E

N/E = Not established

\* = Fumes

**SECTION III PHYSICAL DATA**

<b>Boiling Point</b>	: Not Applicable	<b>% Volatile by volume</b>	: Not Applicable
<b>Evaporation Rate</b>	: Not Applicable	<b>% Volatile by weight</b>	: Not Applicable
<b>Vapor Density</b>	: Not Applicable	<b>Weight per gallon</b>	: Not Applicable
<b>pH Level</b>	: Not Applicable		

**SECTION IV HEALTH INFORMATION**

**EYE CONTACT:** May cause mechanical irritation.

**SKIN CONTACT:** May cause mechanical irritation.

**INHALATION:** Under normal use this product is not hazardous via inhalation.

**INGESTION:** This product has a low order of toxicity. If symptoms of gastrointestinal irritation develop, seek medical attention.

**SIGNS AND SYMPTOMS:** None with normal product use.

**AGGRAVATED MEDICAL CONDITIONS:** None with normal product use.

**OTHER HEALTH EFFECTS:** 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 personal hygiene measures, such as 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.

**SECTION V EMERGENCY AND FIRST AID PROCEDURES**

**EYE CONTACT:** Flush with water to remove particulates.

**SKIN CONTACT:** Flush with water to remove particulates. Wash affected area with soap and water if available.

**INHALATION:** None normally required.

**INGESTION:** None normally required.

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**SECTION VI FIRE AND EXPLOSION HAZARDS**

**FLAMMABILITY CLASSIFICATION** - NFPA: Not regulated  
- DOT: Not regulated

**FLASH POINT:** Greater than 400 degrees F.

**EXTINGUISHING MEDIA:** Use water fog, foam, or Carbon Dioxide.

**SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS:** None recognized.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None recognized.

**SECTION VII REACTIVITY**

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

**CONDITIONS AND MATERIALS TO AVOID:** Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion may yield Carbon Monoxide, Carbon Dioxide, and incomplete combustion products.

**SECTION VIII EMPLOYEE PROTECTION**

**RESPIRATORY PROTECTION:** None required with normal product use.

**PROTECTIVE CLOTHING:** None required with normal product use.

**ADDITIONAL PROTECTIVE MEASURES:** Not Applicable.

**SECTION IX ENVIRONMENTAL PROTECTION**

**SPILL OR LEAK PROCEDURES:** Not applicable: product is a solid.

**WASTE DISPOSAL:** Permitted landfill. Consult Federal, State, and local regulations for compliance.

**SECTION X ADDITIONAL PRECAUTIONS**

Store in a cool dry place away from direct sources of heat.

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.