



1. PRODUCT IDENTIFICATION AND USE

Company :	W. R. Meadows, Inc.	HMIS
Address:	300 Industrial Drive	Health 2
	Hampshire, Illinois 60140	Reactivity 1
Telephone :	847-683-4500	Person Protection 0
Emergency Phone:	1-800-424-9300 Chemtrec	(Hazard Rating: 0=Least, 1=Slight, 2=Moderate, 3=High, 4=Extreme, *=Chronic)
Product class:	Division 3	
Trade name :	Shep Select Self-Leveling	

2A. HAZARDOUS COMPONENTS

No.	Component	CAS #	% by weight	SARA 313	Vapor Pressure (MM Hg @ 20 C)	LEL
1	Aromatic Naphtha	64742-47-8	1-5	NO	<10.00 @ 25 C	0.90
2	Calcium Oxide	1305-78-8	5-10	NO	N/A	N/A
3	Diphenylmethane-4-4 ¹ -Disocyanate	101-68-8	0-1	YES	N/A	N/A

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"

2B. OCCUPATIONAL EXPOSURE LIMITS

No.	PEL/CEILING	OSHA PEL/STEL	SKIN	TLV/TWA	TLV/CEILING	TLC/STEL	SKIN
1	N/E	N/E	N/E	N/E	N/E	N/E	N/E
2	5 mg/m ³	N/E	N/E	2 mg/m ³	N/E	N/E	N/E
3	0.02 PPM	N/E	N/E	0.005 PPM	N/E	N/E	N/E

N/E: Not Established



3. PHYSICAL DATA

Boiling Point:	>375 f	% Volatile by volume:	N/E
Evaporation Rate:	N/E	% Volatile by weight:	N/E
Vapor Density :	> 1 (Air = 1)	Weight per gallon:	N/E
PH Level:	N/E	Product Appearance:	Grey Paste

4. HEALTH INFORMATION

EYE CONTACT: Direct contact may cause mild to moderate eye irritation.

SKIN CONTACT: Direct contact may cause mild to moderate skin irritation.

INHALATION: Exposure to vapor may result in mild to moderate irritation of the respiratory tract. Based on the presence of component 3 repeated over exposures or exposure to a single large dose, certain individuals may develop Isocyanate Sensitization which may cause them to react to subsequent exposures to Isocyanate below the TLV. Isocyanate Sensitization may be either temporary or permanent. Once an individual is diagnosed as being sensitized to Isocyanate, no further exposure can be permitted

INGESTION: May cause mild to moderate irritation of the digestive tract

SIGNS AND SYMPTOMS: Symptoms of lung sensitization include chest tightness, shortness of breath, wheezing, and coughing. These symptoms may be delayed for several hours. Symptoms of eye and skin irritation include redness, tearing, pain, and swelling.

AGGRAVATED MEDICAL CONDITION: Pre-existing skin, eye, and respiratory disorders may be aggravated by product exposure. Persons with asthmatic type conditions, chronic bronchitis, or other chronic respiratory diseases, recurrent skin eczema, sensitization of allergies should be excluded from working with Isocyanates.

OTHER HEALTH EFFECTS: Chronic over exposure to Isocyanates has also been reported to cause lung damage which may be permanent. Acute exposure to Isocyanates may lead to bronchitis, bronchial spasm and pulmonary edema. The effects are usually reversible. Chemical or hypersensitive pneumonitis, with flu-like symptoms has also been reported. These symptoms can be delayed for up to several hours after exposure.

5. EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Rinse eyes for 15 minutes. If irritation persists, seek medical attention.

SKIN CONTACT: Wash affected areas with milk soap and water. If symptoms persist, seek medical attention.

INHALATION: Move victim to fresh air and treat symptomatically. If symptoms persist, seek medical attention.

INGESTION: Dilute with two glasses of water unless the victim is unconscious or very drowsy. If vomiting occurs, keep victims head below the hips to prevent lung aspiration. Seek immediate medical attention.

6. FIRE AND EXPLOSION HAZARDS

FLAMMABILITY	CLASSIFICATION
NFPA:	Combustible liquid, Class III A
DOT:	Not regulated by DOT

FLASH POINT: >158 F

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS: Clear area of unprotected personnel. Utilize appropriate personal protective equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: The reaction between water/Isocyanate may be vigorous.



7. REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: May Occur

CONDITIONS AND MATERIALS TO AVOID: Oxidizing Agents

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, nitrogen oxides. Combustion may result in the release of Hydrogen Cyanide and/or Isocyanates.

8. EMPLOYEE PROTECTION

RESPIRATORY PROTECTION: If mists are created, the use of appropriate respiratory protection or engineering controls (ventilation) is recommended.

PROTECTIVE CLOTHING: Use of chemical resistant gloves/clothing is recommended if direct contact may occur.

ADDITIONAL PROTECTIVE MEASURES: None recognized.

9. ENVIRONMENTAL PROTECTION

SPILL OR LEAK 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; seal tightly for proper disposal.

WASTE DISPOSAL: Consult Local, State, and Federal regulations regarding proper disposal.

PROTECTION: If mists are created, the use of appropriate respiratory protection or engineering controls (ventilation) is recommended.

10. ADDITIONAL PRECAUTIONS

Containers, even if empty, may hold product residues. Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Keep containers closed/sealed when not in use.=====

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.