



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION					
Product:	MEL-PRIME™	Part Number:	5160000		
Manufacturer:	W. R. MEADOWS, INC.	Address:	300 Industrial Drive Hampshire, Illinois 60140		
Telephone:	(847) 214-2100	In case of emergency, dial (800) 424-9300 (CHEMTREC)			
Revision Date:	12/7/2022				
Product Use:	Adhesive For Concrete				
SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS					
HMIS		HAZARD STATEMENTS			
Health	2	DANGER!			
Flammability	3	Highly flammable liquid and vapor. (Category 2)			
Reactivity	0	Harmful if inhaled. (Category 4)			
Personal Protection		Causes skin irritation. (Category 2) May cause organ damage through prolonged/repeated exposure. (Category 2) May be fatal if ingested and enters airways. (Category 1)			
		PRECAUTIONARY STATEMENTS			
		Use only in well-ventilated area. Avoid breathing vapors and direct contact. Store in well-ventilated location. Wear appropriate Personal Protective Equipment.			
SECTION 3: HAZARDOUS COMPONENTS					
Chemical Name:	CAS Number	% by Weight	SARA 313	Vapor Pressure (mm Hg@20°C)	LEL (@25°C)
1. Toluene	108-88-3	45-50	Yes	26 mm Hg @ 25°C	1.1
2. Petroleum Oil Base Stock	64742-65-0	5-10	No	N/E	N/E
<i>N/E = Not Established</i>					
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."					
SECTION 4: EMERGENCY AND FIRST AID PROCEDURES					
EYE CONTACT: If irritation or redness develops 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. Remove contaminated shoes/clothing. If symptoms persist, seek medical attention.					
INHALATION: If respiratory symptoms develop, move victim 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.					
INGESTION: Dilute with liquid unless the victim is unconscious or very drowsy. Do not induce vomiting. If vomiting spontaneously occurs, prevent lung aspiration. Seek immediate medical attention.					
MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC: See Section Eleven for Symptoms/Effects.					
SECTION 5: FIRE AND EXPLOSIVES HAZARDS					
FLASHPOINT: 40 °F					
EXTINGUISHING MEDIA: Water fog, foam, dry chemical, or carbon dioxide.					
CHEMICAL/COMBUSTION HAZARDS: Carbon monoxide, carbon dioxide, and incomplete combustion products. Nitrogen/Sulfur compounds.					
PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT: Avoid smoke inhalation. Personal protective equipment should include helmet, face shield, bunker coat, gloves, rubber boots, and a positive pressure NIOSH-approved self-contained breathing apparatus.					

SAFETY DATA SHEET

Date of Preparation: 12/7/22		Page 2 of 3		5160000				
SECTION 6: ACCIDENTAL RELEASE MEASURES								
<p>SPILL OR LEAK PROCEDURES: Avoid direct contact. Dike and contain spilled material. Remove source of spill if safe to do so. Evacuate all non-essential personnel from immediate area. Remove/extinguish ignition sources. A vapor-suppressing foam may be used to reduce vapor generation. Absorb with non-combustible absorbent and place in sealed containers for disposal. Control run-off and prevent from entering waterways, sewers, etc... Use non-sparking tools to collect spilled material as well as contaminated absorbent.</p>								
SECTION 7: HANDLING AND STORAGE								
<p>SAFE HANDLING PROCEDURES: Avoid direct contact. Use adequate grounding when decanting. SAFE STORAGE: Keep containers closed when not in use. Keep away from ignition sources.</p>								
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION								
OSHA			ACGIH					
Chemical Name:	PEL	PEL/CEILING	PEL/STEL	SKIN	TWA	TLV/CEILING	TLV/STEL	SKIN
1. Toluene	100 ppm	300 ppm	150 ppm	Yes	20 ppm	N/E	N/E	Yes
2. Petroleum Oil Base Stock	5 mg/m ³ *	N/E	N/E	N/E	5 mg/m ³ *	N/E	10 mg/m ³ *	N/E
		<i>N/E: Not Established</i>		<i>*: Mineral Oil Mist in Air.</i>				
<p>ENGINEERING CONTROLS: Use with adequate ventilation. Use explosion-proof equipment. PERSONAL PROTECTIVE EQUIPMENT: Safety glasses, chemical-resistant gloves.</p>								
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES								
BOILING POINT: 240 °F		VAPOR DENSITY: >1 (Air=1)		% VOLATILE BY VOLUME: N/E				
EVAPORATION RATE: <1 (Ether=1)		pH LEVEL: N/A		% VOLATILE BY WEIGHT: 52				
WEIGHT PER GALLON: 7.8		PRODUCT APPEARANCE: Red/Brown Liquid		VOC CONTENT: 439 g/L				
ODOR: Solvent		ODOR THRESHOLD: N/D		MELTING/FREEZING POINT: N/D				
FLASH POINT: See Section 5		FLAMMABILITY: N/D		UEL/LEL: N/D				
VAPOR PRESSURE: N/D		RELATIVE DENSITY: N/D		SOLUBILITY: N/D				
PARTITION COEFFICIENT: N/D		AUTOIGNITION TEMPERATURE: N/D		DECOMPOSITION TEMPERATURE: N/D				
VISCOSITY: N/D		<i>N/A: Not Applicable</i>		<i>N/D: Not Determined</i>				
				<i>N/E: Not Established</i>				
SECTION 10: STABILITY/REACTIVITY								
STABILITY: Stable		HAZARDOUS POLYMERIZATION: Will not occur						
CONDITIONS AND MATERIALS TO AVOID: Static discharge, heat, sparks, open flame, and strong oxidizing agents								
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide/dioxide, incomplete combustion products								
SECTION 11: TOXICOLOGICAL INFORMATION								
EYE CONTACT: Direct contact may cause mild to moderate irritation. Product vapors may also cause irritation.								
SKIN CONTACT: Direct contact may cause mild skin irritation. Prolonged/repeated contact may result in irritation/dermatitis. Absorption may produce systemic toxicity affecting the heart, lungs, liver, and kidneys. Reproductive and hearing impacts are also possible.								
INHALATION: Exposure may produce irritation to the nose, throat, respiratory tract, and other mucous membranes. Exposure to excessive vapor concentrations may cause signs of transient central nervous system depression (headache, drowsiness, loss of coordination, fatigue). Repeated/prolonged occupational overexposures may result in permanent damage and can be potentially fatal.								
INGESTION: This product is anticipated to be slightly toxic. If ingested and lung aspiration occurs, serious lung damage may result. Ingestion of excessive quantities may result in symptoms of central nervous system depression.								
SIGNS AND SYMPTOMS: Symptoms of eye irritation include tearing, reddening, and swelling. Symptoms of skin irritation include reddening, swelling, rash, and redness. Symptoms of gastrointestinal irritation include abdominal pain, vomiting and diarrhea. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath, reduced lung function, and symptoms of central nervous system depression.								
AGGRAVATED MEDICAL CONDITIONS: Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product.								
OTHER HEALTH EFFECTS: ACGIH classifies Toluene as <i>not classifiable as a human carcinogen; A4</i> .								

SAFETY DATA SHEET

Date of Preparation: 12/7/22		Page 3 of 3		5160000
SECTION 12: ECOLOGICAL INFORMATION				
ECOTOXICITY: N/E	DEGRADABILITY: N/E	BIOACCUMULATIVE POTENTIAL: N/E		
SOIL MOBILITY: N/E	OTHER ADVERSE EFFECTS: None Recognized	N/E: Not Established		
SECTION 13: WASTE DISPOSAL INFORMATION				
WASTE DISPOSAL INFORMATION: Product is considered a hazardous waste for disposal purposes. Utilize an appropriate disposal facility.				
SECTION 14: TRANSPORTATION INFORMATION				
HAZARDOUS/NON-HAZARDOUS MATERIAL: Hazardous				
UN NUMBER: 1294	HAZARD CLASS: 3	PACKING GROUP: II		
UN PROPER SHIPPING NAME: Toluene Solution				
ENVIRONMENTAL HAZARDS: Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.				
BULK TRANSPORTATION INFORMATION: Not applicable. Product not shipped in bulk configuration.				
SPECIAL PRECAUTIONS: Keep containers closed. Avoid ignition sources.				
SECTION 15: REGULATORY INFORMATION				
OTHER REGULATORY CONSIDERATIONS: None recognized.				
SECTION 16: OTHER INFORMATION				
PREPARATION DATE:	12/7/2022			
PREPARED BY:	Dave Carey			

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.