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: 9/2/2026

Product Use: Adhesive For Concrete

SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMIS	
|Health|	|2|
|Flammability|	|3|
|Reactivity|	|0|
|Personal Protection|	| |

HAZARD STATEMENTS

DANGER!

Highly flammable liquid and vapor. **(Category 2)**

Harmful if inhaled. **(Category 4)**

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

N/E = Not Established

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

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.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

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.

SECTION 7: HANDLING AND STORAGE

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.

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

N/E: Not Established **: Mineral Oil Mist in Air.*

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

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 240 °F
EVAPORATION RATE: <1 (Ether=1)
WEIGHT PER GALLON: 7.8
ODOR: Solvent
FLASH POINT: See Section 5
VAPOR PRESSURE: N/D
PARTITION COEFFICENT: N/D
VISCOSITY: N/D

VAPOR DENSITY: >1 (Air=1)
pH LEVEL: N/A
PRODUCT APPEARANCE: Red/Brown Liquid
ODOR THRESHOLD: N/D
FLAMMABILITY: N/D
RELATIVE DENSITY: N/D
AUTOIGNITION TEMPERATURE: N/D

% VOLATILE BY VOLUME: N/E
% VOLATILE BY WEIGHT: 52
VOC CONTENT: 439 g/L
MELTING/FREEZING POINT: N/D
UEL/LEL: N/D
SOLUBILITY: N/D
DECOMPOSITION TEMPERATURE: N/D

N/A: Not Applicable *N/D: Not Determined* *N/E: Not Established*

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 *not classifiable as a human carcinogen; A4* **.**

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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: 9/2/2026

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.