



MATERIAL SAFETY DATA SHEET

Schnee-Morehead[®], Inc.

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Permathane SM 7108
PRODUCT CODE : SM7108
DESCRIPTION : One Part Polyurethane Sealant
MANUFACTURER'S NAME : Schnee-Morehead, Inc.
STREET ADDRESS : 111 North Nursery Road, Irving, Texas
INFORMATION PHONE : 972-438-9111 **EMERGENCY PHONE** : 800-424-9300 CHEMTREC

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Warning! Combustible material. This product is a pigmented, liquid with a mild solvent odor. This is an eye, & respiratory irritant.

OSHA Regulatory Status: This product contains components that are considered to be hazardous under OSHA's Hazard Communication Standard (29 CFR 1910.1200)

Potential Health Effects Inhalation: Fumes or vapors from this product may cause mild irritation to the respiratory system. May aggravate existing respiratory conditions.

Potential Health Effects Skin: Contact may cause mild skin irritation. Repeated or prolonged skin contact may result in allergic dermatitis.

Potential Health Effects Eyes: Contact with this product will cause moderate eye irritation.

Potential Health Effects Ingestion: Not a likely route of exposure. May cause nausea if ingested.

HMIS Ratings: Health 1 Fire 2 Reactivity 0
Hazard Scale 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	PERCENT (WGT)
Butyl Benzyl Phthalate	85-68-7	<3%
Toluene	108-88-3	2-5%

SECTION 4 - FIRST AID MEASURES

EYE CONTACT : Immediately flush eyes with water for at least 15 minutes, while holding eyes open. Immediately seek medical attention.

SKIN CONTACT : Remove contaminated clothing. Immediately wash exposed area with large amounts of water.

INHALATION : If fumes are inhaled and become an irritant, remove person from the area to fresh air. Seek immediate medical attention if exposure has occurred.

INGESTION : GET IMMEDIATE MEDICAL ATTENTION! DO NOT INDUCE VOMITING. Do not attempt to give anything by mouth to an unconscious person.

NOTES TO PHYSICIANS : Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES



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FLASH POINT: 64.44 C (148 F)

FLAMMABILITY CLASSIFICATION: IIIA Combustible Liquid

EXTINGUISHING MEDIA : Use methods appropriate for the surrounding fire. Water spray, dry chemical, carbon dioxide, AFFF or alcohol resistant foams are all appropriate.

Fire Fighting Equipment: Wear protective clothing suitable for the surrounding fire, including firefighting turnout gear, helmet, and positive pressure self contained breathing apparatus.

SPECIAL FIREFIGHTING PROCEDURES : When heated for application this product may release flammable vapors that are slightly heavier than air.

UNUSUAL FIRE AND EXPLOSION HAZARD : Solid water stream may spread fire. When exposed to extreme heat closed containers may rupture. Cool containers with flooding quantities of water until after the fire is extinguished.

SECTION 6 - ACCIDENTAL RELEASE MESURES

PERSONAL PRECAUTIONS : Eliminate all potential sources of ignition. Use appropriate personal protective equipment specified in Section 8

ENVIRONMENTAL PRECAUTIONS : Prevent entry into waterways, sewers, basements or confined areas.

METHODS FOR CONTAINMENT : Stop leak if you can do so without risk. Dike large spills and cover with dry sand, earth, or other non-combustible material.

METHODS FOR CLEAN-UP : Ventilate area of leak or spill. Keep unnecessary and unprotected people away. Absorb spill with non-flammable, inert material such as clay, vermiculite, or diatomaceous earth. Place material in approved waste container for disposal. Dispose of in accordance with all local, state, & federal regulations.

OTHER INFORMATION : None

SECTION 7 - HANDLING AND STORAGE

HANDLING : Do not inhale mists or vapors. Prevent contact with skin and eyes. Wash thoroughly after handling. Before using extinguish all ignition sources.

STORAGE : Keep in tightly closed properly, vented containers away from heat, sparks, open flame. Do not store in the same area with oxidizers and amines. Material will start to cure in the presence of humid air or moisture.

SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

COMPONENT EXPOSURE LIMITS : Butyl Benzyl Phthalate OSHA PEL = 5mg/m³
Toluene OSHA TWA = 200 ppm

ENGINEERING CONTROLS: After evaluation of the workplace, local exhaust and general room ventilation may be recommended to control exposure and prevent formation of flammable mixtures.

EYE/ FACE PROTECTION: Safety glasses with side shields.

SKIN PROTECTION: Chemical resistant gloves to prevent exposure and direct contact to skin.

RESPIRATORY PROTECTION: Based on concentration level, use appropriate NIOSH approved respiratory protection.

GENERAL HYGIENE: Use good hygiene practices when handling this material. Wash hands before eating, drinking, smoking or using toilet facilities.



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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Thick pigmented (depending on color) pumpable liquid.		
ODOR:	Slight solvent odor	Ph:	7.02
PHYSICAL STATE:	Thick liquid	SPECIFIC GRAVITY:	1.61
VAPOR PRESSURE:	N/A	PERCENT NONVOLATILE:	97%
VAPOR DENSITY:	N/A	VOC:	Toluene 0.40 lbs/gal or 48 g/L
BOILING POINT:	N/A	FLASH POINT (METHOD):	148F ASTM D56-82
MELTING POINT:	N/A	UPPER LIMIT:	N/A
SOLUBILITY (H2O):	Non soluble	LOWER LIMIT:	N/A

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable under ordinary conditions of use & storage.		
CONDITIONS TO AVOID:	Heat, sparks, open flame, other ignition sources & oxidizing conditions.		
INCOMPATIBLE MATERIALS:	Avoid contact with alcohols, amines, strong bases and surface active materials.		
HAZARDOUS DECOMPOSITION PRODUCTS:	Evolves carbon dioxide, carbon monoxide or hydrocarbon fumes upon combustion or if heated to decomposition.		
POSSIBILITY OF HAZARDOUS REACTIONS:	None		

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE AND CHRONIC EFFECTS: Contact with product may cause skin irritation. No known chronic effects.

CARCINOGENICITY: NTP: No IARC: No OSHA REGULATED: No

OTHER TOXICOLOGICAL INFORMATION: None available

SECTION 12 - ECOLOGICAL INFORMATION

GENERAL: This product is not environmentally persistent or harmful.

COMPONENT ANALYSIS: None known

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE NUMBER AND DESCRIPTION: None identified

DISPOSAL INSTRUCTIONS: Waste must be handled in accordance with all applicable regulations. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state, and local requirements. Processing, use or contamination of this product may change the waste management options.



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SECTION 14 - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME / DESCRIPTION: Not regulated as a hazardous material under US DOT regulations.

OTHER INFORMATION: None

SECTION 15 - REGULATORY INFORMATION

US Federal Regulations: Toluene is listed on the TSCA inventory.

Toluene is listed under SARA 313 & CERCLA regulations

STATE REGULATIONS: Other state regulations may apply. Check individual state requirements.

SECTION 16 - OTHER INFORMATION

DATE PREPARED: 09/03/09

SUPERSEDES DATE: 3/06/07

KEY / LEGEND:

N/A = Not Applicable, N.A. = Not Available, N.D. = Not Determined, N/E = Not established, UNK = Unknown

This document may be used to comply with OSHA's Hazardous Communication Standard, 29 CFR 1910.1200.

A MSDS such as this cannot be expected to cover all possible individual situations. The end user of this product has the responsibility to provide a safe workplace. All aspects of an individual operation should be examined to determine if, or where, precautions – in addition to those described herein – are required. Any health and safety information contained herein should be passed on to your customers and/or employees.

The opinions expressed herein are those of qualified experts within Schnee-Morehead[®], Inc. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and the use of this product are not within the control of Schnee-Morehead[®], Inc., final determination of suitability of this product is the sole responsibility of the user. It is the responsibility of the user to comply with all applicable Federal, State and Local laws and regulations.

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