



# MATERIAL SAFETY DATA SHEET

Schnee-Morehead<sup>®</sup>, Inc.

## SECTION I - IDENTIFICATION

**PRODUCT NAME** : SM5504

**PRODUCT CODE** : SM5504

**DESCRIPTION** : Acrylic Seam Sealer

**HAZARDOUS CLASSIFICATION:** Flammable Liquid

**PROPER SHIPPING NAME** : Flammable Liquid, N.O.S.

**SHIPPING DESCRIPTION** : Flammable Liquid, N.O.S. 3, UN 1993, PG II, (contains toluene)

**H.M.I.S RATINGS:**

H	F	R	P
1	3	0	G

## SECTION II - MANUFACTURER

**MANUFACTURER'S NAME** : Schnee-Morehead, Inc.

**STREET ADDRESS** : 111 North Nursery Road, Irving, Texas

**INFORMATION PHONE** : 972-438-9111

**EMERGENCY PHONE** : 800-424-9300

**DATE PREPARED** : March 6, 2007

**SUPERSEDES DATE** : January 5, 2004

## SECTION III - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	OTHER LIMITS	PERCENT (WGT)
Acrylic Resin/Toluene Solution	Proprietary		50 ppm TWA	188 mg/m3 TWA	
Toluene	108-88-3	200 ppm TWA	50 ppm TWA	188 mg/m3 TWA	37-42%

## SECTION IV - PHYSICAL PROPERTIES

**SPECIFIC GRAVITY (H<sub>2</sub>O=1)** : 0.99

**BOILING POINT** : 110.6°C (Toluene)

**NONVOLATILE (% WEIGHT)** : 58-63%

**MELT/FREEZE PT** : N/A

**SOLUBILITY IN WATER** : Insoluable

**VAPOR DENSITY** : 3.2 (Toluene)

**EVAPORATION RATE (BuAc=1)** : 1.9 (Toluene)

**VAPOR PRESSURE** : 28.5 mm (Toluene)

**VOLATILE ORGANIC CONTENT** : 3.5 lbs/gal, 420 g/l

**APPEARANCE/ODOR** : Color of pigment, flowable viscous material - aromatic odor

## SECTION V - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT** : 31.0°F

**METHOD USED** : Tag Closed Cup (ASTM D56)

**FLAMMABLE LIMITS IN AIR BY VOLUME LOWER** : 1.27 (Toluene)

**UPPER** : 7.1 (Toluene)

**EXTINGUISHING MEDIA** : Use carbon dioxide, dry chemical, foam or water spray.

**SPECIAL FIREFIGHTING PROCEDURES** : Firefighters should wear a self-contained breathing apparatus and full protective equipment.

**UNUSUAL FIRE AND EXPLOSION HAZARD** : This product, in an uncured state, emits vapors that are volatile and flammable. Once this product has cured, it is nonflammable.

## SECTION VI - REACTIVITY DATA

**STABILITY** : Stable

**CONDITIONS TO AVOID** : Avoid heat, sparks and any other sources of ignition.

**INCOMPATIBILITY (MATERIALS TO AVOID)** : Avoid contact with oxidizing agents.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS** : During a fire this material may form carbon dioxide, carbon monoxide and other various hydrocarbon fumes.

**HAZARDOUS POLYMERIZATION** : Will not occur.



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## SECTION VII - HEALTH HAZARD DATA

**ROUTE(S) OF ENTRY :**      **INHALATION? :** Yes      **SKIN? :** Yes      **INGESTION? :** Not likely

**HEALTH HAZARDS (ACUTE AND CHRONIC) :** Inhalation of excessive vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and possible headaches. Excessive skin contact can cause irritation, drying and possible edema.

**CARCINOGENICITY:**      **NTP?:** No      **IARC MONOGRAPHS?:** No      **OSHA REGULATED?:** Yes

**SIGNS AND SYMPTOMS OF EXPOSURE:** Chronic effects of overexposure are loss of appetite and nose bleed.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None known

### **EMERGENCY AND FIRST AID PROCEDURES:**

Skin Contact - Wash with soap and water for 15 minutes.

Eye Contact - Flush with warm water for 15 minutes. Seek medical attention.

Inhalation - Move victim to fresh air, if breathing has stopped give artificial respiration. Seek immediate medical attention.

Ingestion - Do not induce vomiting. Seek medical attention.

## SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:** Eliminate all ignition sources, contain spill and shovel into an appropriate container.

**WASTE DISPOSAL METHOD:** Dispose of product in accordance with local, state and federal compliance regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** There should be no smoking allowed in the areas where this product is used. Keep away from all heat and ignition sources as well as oxidizing agents. Store material below 80°F and rotate stock continually. Use proper grounding and bonding procedures when dispensing.

## SECTION IX - CONTROL MEASURES

**RESPIRATORY PROTECTION:** Use NIOSH/MSHA approved respirator with organic cartridges in confined area. 500 ppm: CCROV/SA/SCBA

<b>VENTILATION</b>	<b>LOCAL EXHAUST:</b>	If needed	<b>SPECIAL :</b>	N/A
	<b>MECHANICAL :</b>	If needed	<b>OTHER :</b>	N/A

**GLOVES:** Chemical resistant, impervious

**EYE PROTECTION:** Safety glasses

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Use a chemical apron to protect clothing if needed.

**WORK/HYGIENIC PRACTICES:** Always wash hands after working with this material. Use good hygiene practices.

## SECTION X - REGULATORY INFORMATION

Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

SARA Title III Information:

Section 313 - Toxic Chemicals,

Pursuant to section 313 of SARA Title III, this product contains one or more toxic chemicals that are present in a concentration in excess of 1 percent of the mixture (0.1 percent, if the listed chemical is a carcinogen).

Toluene



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## SECTION XI - DISCLAIMER

*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<sup>®</sup>, 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<sup>®</sup>, 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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*N/A = Not Applicable,    N.A. = Not Available,    N.D. = Not Determined,    N/E = Not established,    UNK = Unknown*