



MATERIAL SAFETY DATA SHEET

Schnee-Morehead[®], Inc.

SECTION I - IDENTIFICATION

PRODUCT NAME : SM760

PRODUCT CODE : SM760

DESCRIPTION : Acrylic Copolymer

HAZARDOUS CLASSIFICATION: Flammable liquid

PROPER SHIPPING NAME : Flammable liquid, n.o.s.

SHIPPING DESCRIPTION : Flammable liquid, n.o.s., UN 1993, Pg III (contains xylene)

H.M.I.S RATINGS:

H	F	R	P
3	3	0	H

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 3, 2004

SUPERSEDES DATE : December 9, 2003

SECTION III - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	OTHER LIMITS	PERCENT (WGT)
Xylene	1330-20-7	100 ppm TWA	100 ppm TWA	150 ppm STEL	13-15%
Ethylbenzene	100-41-4	100 ppm TWA	100 ppm TWA	125 ppm STEL	2-4%
Acrylic resin	Proprietary	N.E.	N.E.		80-90%

SECTION IV - PHYSICAL PROPERTIES

SPECIFIC GRAVITY (H₂O=1) : 1.04

BOILING POINT : 137-144°C (xylene)

NONVOLATILE (% WEIGHT) : 85%

MELT/FREEZE PT : <25°C (xylene)

SOLUBILITY IN WATER : Slight

VAPOR DENSITY : 8.3 (Air=1)

EVAPORATION RATE (BuAc=1) : <1

VAPOR PRESSURE : 6.05 mm Hg

VOLATILE ORGANIC CONTENT : 1.56 lbs/gal, 187 g/l

APPEARANCE/ODOR : Clear pale yellow solution - sweet odor

SECTION V - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : 80°F/27°C (xylene)

METHOD USED : Tag Closed Cup

FLAMMABLE LIMITS IN AIR BY VOLUME

LOWER : 1.0% (xylene)

UPPER : 7.0% (xylene)

EXTINGUISHING MEDIA : Use carbon dioxide, dry chemical, water spray, polar solvent (alcohol) foam.

SPECIAL FIREFIGHTING PROCEDURES : If potential for exposure to vapors or products of combustion exists, wear complete personal protective gear and respirator approved by both NIOSH and MSHA. Wear self-contained breathing apparatus with full facepiece operated in pressure demand or other positive mode.

UNUSUAL FIRE AND EXPLOSION HAZARD : Due to residual monomer contained within this product, this material may produce a floating fire hazard in extreme fire conditions. Toxic fumes are generated when material is exposed to fire or fire conditions. When exposed to extreme heat, as in a fire, it may polymerize and rupture a closed container.

SECTION VI - REACTIVITY DATA

STABILITY : Stable

CONDITIONS TO AVOID : This product is stable under normal conditions of storage and handling. However, avoid contact with ignition sources (e.g. sparks, open flame, heated surfaces).

INCOMPATIBILITY (MATERIALS TO AVOID) : Acids, amines, bases, oxidizing agents, halogens, molten sulfur

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS : Thermal decomposition may yield acrylic monomers.

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) : Acute: Ingestion (Swallowing) - Can irritate mouth, throat and stomach. Inhalation - Can irritate nasal passages, throat and lungs. Can cause dizziness, headaches, nausea, drowsiness and loss of coordination. Skin contact - Can cause reddening and swelling/moderate skin irritation. Eye contact - Direct contact with material can cause severe irritation, corneal clouding, conjunctivitis and permanent eye injury. Chronic: Prolonged or repeated overexposures to xylene can cause reversible liver and kidney impairment.

CARCINOGENICITY: **NTP?:** Not Listed **IARC MONOGRAPHS?:** Not Listed **OSHA REGULATED?:** Yes

SIGNS AND SYMPTOMS OF EXPOSURE: Burning sensation in the mouth and throat, nausea, vomiting abdominal discomfort and diarrhea. Vapors are irritating to the eyes, nose and throat, and may cause dizziness, nausea, vomiting, narcosis and an immediate severe headache in some sensitive individuals. Contact with the skin can cause irritation seen as local redness and possible swelling.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Breathing of vapors and/or mist may aggravate asthma and inflammatory or fibrotic pulmonary disease. This product contains residual monomers that may produce an allergic reaction in individuals sensitive to these monomers.

EMERGENCY AND FIRST AID PROCEDURES:

Skin Contact - Remove contaminated clothing and wash contaminated skin with large amounts of soap and water. If irritation persists, contact a physician.

Eye Contact - Immediately flush eyes with water for at least 15 minutes. Contact a physician immediately.

Inhalation - Remove victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact a physician immediately.

Ingestion - If swallowed, give 2 glasses of water to drink. Never give anything by mouth to an unconscious person. Immediately see a physician. Do not induce vomiting, petroleum distillate present.

Note to Physician: Exposure to xylene can affect the CNS, pulmonary, cardiovascular, and gastrointestinal systems. Liver enzymes, EKG, serum electrolytes, and a chest x-ray should be done in cases of massive exposure.

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Wear suitable protective equipment. Avoid contact with liquid and vapors. Collect for disposal. Avoid discharge to sewers or waterways. Eliminate ignition sources. Place leaking containers in well-ventilated area. If fire potential exists, blanket spill with foam or use water spray to disperse vapors. Transfer liquid and solid diking material to separate suitable containers for recovery or disposal. Note: spills on porous surfaces can contaminate groundwater.

WASTE DISPOSAL METHOD: Dilute with a suitable solvent and incinerate in a furnace where permitted under appropriate federal, state, and local requirements. Consult and follow all compliance regulations when disposing of this material. Containers are hazardous when empty. Since emptied containers retain product residue (vapor and/or liquid) follow all MSDS and label warnings even after container is empty. Residual vapors in empty containers may explode on ignition. Do not cut, drill, grind or weld on or near container. Triple rinse (or equivalent) and puncture empty containers. Dispose container in accordance with all federal, state and local laws and regulations. Avoid inhalation of smoke if incinerated.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Warning: Harmful if inhaled. Harmful if absorbed through the skin. Causes eye and skin irritation. May cause allergic skin reaction. Avoid breathing vapors. Keep away from heat and flame. Ground all metal containers during storage and handling. The minimum recommended storage temperature for this material is 1°C/34°F. The maximum recommended storage temperature for this material is 48°C/120°F.

SECTION IX - CONTROL MEASURES

RESPIRATORY PROTECTION: A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. None should be required if airborne concentrations are maintained below the TWA/TLV's listed on the front page.

Up to 10 times the TWA/TLV: Wear a MSHA/NIOSH approved half-mask, air purifying respirator.

Up to 1000 ppm organic vapor vapor: Wear a MSHA/NIOSH approved full-facepiece, air-purifying respirator.

Above 1000 ppm organic vapor or unknown: Wear MSHA/NIOSH approved self-contained breathing apparatus in the positive pressure mode.

Air-purifying respirators should be equipped with organic vapor cartridges and dust and mist filters.



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VENTILATION **LOCAL EXHAUST:** If needed **SPECIAL :** N/A
MECHANICAL : If needed **OTHER :** N/A

GLOVES: Chemical resistant, nitrile **EYE PROTECTION:** Splash goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: For operations where spills or splashing may occur, use impervious body covering and boots. A safety shower and eye bath should be available.

WORK/HYGIENIC PRACTICES: Always wash hands after working with this material. Use good hygiene practices. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakdown. Rinse and remove gloves immediately after use.

SECTION X - REGULATORY INFORMATION

Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This product contains trace levels of a component or components known to the State of California to cause birth defects or other reproductive harm. Acrylonitrile and benzene.

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 toxic chemical is a carcinogen). xylene and ethylbenzene

Section 311/312 Categorization (40CFR 370):

This product is a hazardous chemical under 29CFR 1910.1200, and is categorized as a immediate and delayed health, and flammability physical hazard.

CERCLA Information (40CFR 302.4)

This material has a component or components with a reportable quantity under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the superfund Amendments and Reauthorization Act (SARA) Title III section 304. The components, CAS numbers and reportable quantities are listed below. Spills of a component in excess of its reportable quantity must be reported to the National Response Center (800-424-8802) and to the appropriate state and local emergency response organizations.

xylene - 1000 lbs.

ethylbenzene - 1000 lbs.

RCRA Information:

When a decision is made to discard this material as supplied, it is classified as a RCRA hazardous waste with the characteristics of ignitability, hazardous waste number: D001

Workplace Classification:

This product is considered hazardous under the OSHA hazard Communication Standard (29CFR 1910.1200).

This product is a 'controlled product' under the Canadian Workplace Hazardous Materials Information System (WHMIS).

Chemical Control Law Status:

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

State Right to Know Laws:

Any material listed as -Not Hazardous- in the CAS column of Section II, Hazardous Ingredients, of this MSDS is a trade secret under the provisions of the Pennsylvania Worker and Community Right-To-Know Act.



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