



MATERIAL SAFETY DATA SHEET

Schnee-Morehead[®], Inc.

SECTION I - IDENTIFICATION

PRODUCT NAME : SM7110

PRODUCT CODE : SM7110

DESCRIPTION : One Part Polyurethane Sealant

HAZARDOUS CLASSIFICATION: Non Regulated

PROPER SHIPPING NAME : Not Applicable

SHIPPING DESCRIPTION : Not Required

H.M.I.S RATINGS:

H	F	R	P
2	2	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 : October 1, 2003

SUPERSEDES DATE : May 9, 2001

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)		2-5%
Diphenylmethane-4,4'-di-isocyanate	101-68-8	0.020 ppm (Ceiling)	0.005 ppm (TWA)		< 0.6

SECTION IV - PHYSICAL PROPERTIES

SPECIFIC GRAVITY (H₂O=1) : 1.17

BOILING POINT : N/A

NONVOLATILE (% WEIGHT) : 96%

MELT/FREEZE PT : N/A

SOLUBILITY IN WATER : Insoluable

VAPOR DENSITY : 3.7 (Xylene)

EVAPORATION RATE (BuAc=1) : N/A

VAPOR PRESSURE : N/A

VOLATILE ORGANIC CONTENT : 0.384 lbs/gal or 46 grams/liter

APPEARANCE/ODOR : Color of pigment, solid paste, slight xylene odor

SECTION V - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : 136°F

METHOD USED : ASTM D56 (Tag Closed Cup)

FLAMMABLE LIMITS IN AIR BY VOLUME

LOWER : 1

UPPER : 8

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

SPECIAL FIREFIGHTING PROCEDURES : Firefighters should wear full emergency equipment with self-contained breathing apparatus. Irritating or toxic gasses may be present during a fire.

UNUSUAL FIRE AND EXPLOSION HAZARD : Overheated, closed containers adjacent to fire can cause the material inside to decompose resulting in pressure build up and possible explosion.

SECTION VI - REACTIVITY DATA

STABILITY : Stable

CONDITIONS TO AVOID : Material will start to cure in the presence of humid air or moisture.

INCOMPATIBILITY (MATERIALS TO AVOID) : Avoid contact with alcohols, amines, strong bases and surface active materials.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS : During a fire this material may form carbon dioxide, carbon monoxide, nitrogen oxides and traces of isocyanates.

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) :

Like all urethane sealants, this product contains isocyanate resins which may cause irritation to the eyes or skin on contact. Small amounts of residual xylene present may cause skin and respiratory tract irritation.

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

SIGNS AND SYMPTOMS OF EXPOSURE: upon exposure to the skin, the skin may turn red and burn. A person sensitive to organic solvents may have shortness or breath when using this product.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

This product may be irritating to a person with known allergies.

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:

Eliminate all ignition sources. Ventilate the area. Supply clean-up personnel with appropriate clothing (repirators, gloves, etc...), clean the material with mineral spirits or xylene if in an uncured state (wet and pliable).

WASTE DISPOSAL METHOD:

Cured or neutralized waste product can be landfilled or incinerated. Consult and follow all local, state and federal compliance regulations before disposing of the product.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store in a clean dry place. Moisture will cause the material to cure.

SECTION IX - CONTROL MEASURES

RESPIRATORY PROTECTION:

Not normally required for properly ventilated areas. Respiratory protection should be considered for exposures resulting form unusual applications and/or used in non-ventilatedde enclosed areas. If this occurs, wear NIOSH/MSHA approved self-contained breathing apparatus or cartidge type respirator.

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

Florida Toxic Substance:

This product contains a chemical listed as a toxic substance by the sate of Florida (Xylene), (diphenylmethane-4,4'-di-isocyanate).

Massachusetts Hazardous Substance Code:

2, 4, F8, F9 (xylene), (diphenylmethane-4,4'-di-isocyanate)

Pennsylvania Hazardous Substances Code:

Code E (xylene), (diphenylmethane-4,4'-di-isocyanate)

Minnesota Hazardous Substances:

Code ANO (xylene), (diphenylmethane-4,4'-di-isocyanate)



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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