



DOW CORNING CORPORATION

Material Safety Data Sheet

Page: 1 of 7
Version: 1.3
Revision Date: 2006/01/23

DOW CORNING(R) 999A SILICONE GLAZING SEALANT, CLEAR

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Dow Corning Corporation South Saginaw Road Midland, Michigan 48686	24 Hour Emergency Telephone: (989) 496-5900 Customer Service: (989) 496-6000 Product Disposal Information: (989) 496-6315 CHEMTREC: (800) 424-9300
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MSDS No.: 02323419 Revision Date: 2006/01/23

Generic Description: Silicone elastomer
Physical Form: Paste
Color: Colorless
Odor: Acetic acid odor

NFPA Profile: Health 2 Flammability 1 Instability/Reactivity 0

Note: NFPA = National Fire Protection Association

2. OSHA HAZARDOUS COMPONENTS

CAS Number	Wt %	Component Name
17689-77-9	1.0 - 5.0	Ethyltriacetoxysilane
4253-34-3	1.0 - 5.0	Methyltriacetoxysilane

The above components are hazardous as defined in 29 CFR 1910.1200.

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Acute Effects

Eye: Direct contact may cause moderate irritation.

Skin: May cause moderate irritation.

Inhalation: Irritates respiratory passages very slightly.

Oral: Low ingestion hazard in normal use.

Prolonged/Repeated Exposure Effects

Skin: No known applicable information.

Inhalation: No known applicable information.

Oral: No known applicable information.

DOW CORNING(R) 999A SILICONE GLAZING SEALANT, CLEARSigns and Symptoms of Overexposure

No known applicable information.

Medical Conditions Aggravated by Exposure

No known applicable information.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information.

4. FIRST AID MEASURES

Eye:	Immediately flush with water for 15 minutes. Get medical attention.
Skin:	Remove from skin and wash thoroughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.
Inhalation:	No first aid should be needed.
Oral:	No first aid should be needed.
Comments:	Treat according to person's condition and specifics of exposure.

5. FIRE FIGHTING MEASURES

Flash Point:	Not applicable.
Autoignition Temperature:	Not determined.
Flammability Limits in Air:	Not determined.
Extinguishing Media:	On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO ₂), dry chemical or water spray. Water can be used to cool fire exposed containers.
Fire Fighting Measures:	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Unusual Fire Hazards:	None.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

6. ACCIDENTAL RELEASE MEASURES

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Containment/Clean up: Observe all personal protection equipment recommendations described in Sections 5 and 8. Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

Note: See section 8 for Personal Protective Equipment for Spills. Call (989) 496-5900, if additional information is required.

7. HANDLING AND STORAGE

Use with adequate ventilation. Product evolves acetic acid (HOAc) when exposed to water or humid air. Provide ventilation during use to control HOAc within exposure guidelines or use respiratory protection. Avoid eye contact.

Keep container closed and store away from water or moisture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Component Exposure Limits**

<u>CAS Number</u>	<u>Component Name</u>	<u>Exposure Limits</u>
17689-77-9	Ethyltriacetoxysilane	See acetic acid comments.
4253-34-3	Methyltriacetoxysilane	See acetic acid comments.

Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.

Engineering Controls

Local Ventilation: None should be needed.
General Ventilation: Recommended.

Personal Protective Equipment for Routine Handling

Eyes: Use proper protection - safety glasses as a minimum.

Skin: Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

Suitable Gloves: Silver Shield(R). 4H(R).

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Inhalation: No respiratory protection should be needed.

Suitable Respirator: None should be needed.

Personal Protective Equipment for Spills

Eyes: Use proper protection - safety glasses as a minimum.

Skin: Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

Inhalation/Suitable Respirator: No respiratory protection should be needed.

Precautionary Measures: Avoid eye contact. Use reasonable care.

Comments: Product evolves acetic acid (HOAc) when exposed to water or humid air. Provide ventilation during use to control HOAc within exposure guidelines or use respiratory protection.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Paste

Color: Colorless

Odor: Acetic acid odor

Specific Gravity @ 25°C: 1.04

Viscosity: Not determined.

Freezing/Melting Point: Not determined.

Boiling Point: Not determined.

Vapor Pressure @ 25°C: Not determined.

Vapor Density: Not determined.

Solubility in Water: Not determined.

pH: Not determined.

Volatile Content: Not determined.

Note: The above information is not intended for use in preparing product specifications. Contact Dow Corning before writing specifications.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Hazardous Polymerization: Hazardous polymerization will not occur.

Conditions to Avoid: None.

DOW CORNING(R) 999A SILICONE GLAZING SEALANT, CLEAR

Materials to Avoid: Oxidizing material can cause a reaction. Water, moisture, or humid air can cause hazardous vapors to form as described in Section 8.

11. TOXICOLOGICAL INFORMATION

Special Hazard Information on Components

No known applicable information.

12. ECOLOGICAL INFORMATION

Environmental Fate and Distribution

Complete information is not yet available.

Environmental Effects

Complete information is not yet available.

Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available.

Ecotoxicity Classification Criteria

Hazard Parameters (LC50 or EC50)	High	Medium	Low
Acute Aquatic Toxicity (mg/L)	<=1	>1 and <=100	>100
Acute Terrestrial Toxicity	<=100	>100 and <= 2000	>2000

This table is adapted from "Environmental Toxicology and Risk Assessment", ASTM STP 1179, p.34, 1993.

This table can be used to classify the ecotoxicity of this product when ecotoxicity data is listed above. Please read the other information presented in the section concerning the overall ecological safety of this material.

13. DISPOSAL CONSIDERATIONS

RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No

State or local laws may impose additional regulatory requirements regarding disposal.

Call (989) 496-6315, if additional information is required.

14. TRANSPORT INFORMATION

DOT Road Shipment Information (49 CFR 172.101)

Not subject to DOT.

Ocean Shipment (IMDG)

DOW CORNING(R) 999A SILICONE GLAZING SEALANT, CLEAR

Not subject to IMDG code.

Air Shipment (IATA)

Not subject to IATA regulations.

Call Dow Corning Transportation, (989) 496-8577, if additional information is required.

15. REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings**Section 302 Extremely Hazardous Substances (40 CFR 355):**

None.

Section 304 CERCLA Hazardous Substances (40 CFR 302):

None.

Section 311/312 Hazard Class (40 CFR 370):

Acute: Yes
Chronic: No
Fire: No
Pressure: No
Reactive: No

Section 313 Toxic Chemicals (40 CFR 372):

None present or none present in regulated quantities.

Supplemental State Compliance Information**California**

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

None known.

Massachusetts

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>
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DOW CORNING(R) 999A SILICONE GLAZING SEALANT, CLEAR

7631-86-9 7.0 - 13.0 Silica, amorphous

New Jersey

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>
70131-67-8	> 60.0	Dimethyl siloxane, hydroxy-terminated
7631-86-9	7.0 - 13.0	Silica, amorphous
17689-77-9	1.0 - 5.0	Ethyltriacetoxysilane
4253-34-3	1.0 - 5.0	Methyltriacetoxysilane

Pennsylvania

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>
70131-67-8	> 60.0	Dimethyl siloxane, hydroxy-terminated
7631-86-9	7.0 - 13.0	Silica, amorphous

16. OTHER INFORMATION

Prepared by: Dow Corning Corporation

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

(R) indicates Registered Trademark

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Construction Chemicals

NP 1™

Version 1.6

10/28/2004

1. PRODUCT AND COMPANY INFORMATION

Company : **Degussa Building Systems**
 889 Valley Park Drive
 Shakopee, MN 55379

Telephone : 952-496-6000

Emergency telephone number : (800) 424-9300
 (703) 527-3887 (Outside Continental US)

Product name : NP 1™

MSDS ID No. : 11502

TSCA Inventory : All components of this product are included, or are exempt from inclusion, in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Canadian DSL : May contain chemicals not listed.

2. HAZARDOUS INGREDIENTS

<u>Chemical</u>	<u>CAS No.</u>	<u>TLV</u>	<u>STEL</u>	<u>PEL</u>	<u>CEIL</u>	<u>Weight %</u>
STODDARD SOLVENT	8052-41-3	100 ppm	N.E.	500 ppm	N.E.	0.00 - 10.00 %
SILICA, CRYSTALLINE QUARTZ	14808-60-7	0.05 mg/m3	N.E.	0.1 mg/m3	N.E.	0.10 - 1.00 %

3. HAZARDS IDENTIFICATION

HMIS® Rating : HEALTH 2 FLAMMABILITY 1 PHYSICAL HAZARD 0

WHMIS Class : D2B

Primary Routes of Entry : Ingestion
 Inhalation
 Eye contact
 Skin contact

Effects of Overexposure

Inhalation : Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Inhalation of high vapor concentrations can cause CNS-depression and narcosis. Prolonged inhalation can be harmful.

Skin : Can cause slight irritation. May cause sensitization by skin contact.

Eyes : Can cause slight irritation.

Ingestion : May be harmful if swallowed.

Chronic exposure : Existing respiratory or skin ailments may be aggravated by exposure. This product may contain a small amount (<0.1%) of toluene diisocyanate. NIOSH, NTP and IARC list toluene diisocyanate as a suspected carcinogen. Note also that prolonged repeated

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exposure to isocyanates can lead to skin sensitization. For persons so sensitized even brief exposures to an isocyanate can produce reddening, swelling, rash, or blisters. Similarly, prolonged and repeated exposure to isocyanates can lead to respiratory sensitization. In such individuals, brief exposures to isocyanates at levels well below established exposure limits can produce chemical asthma and nonspecific asthmatic conditions. This product contains Crystalline (quartz) Silica which has been listed as a human carcinogen by NTP (Group 1) and IARC (Human Carcinogen) and a Suspected Human Carcinogen by ACGIH (category A2). Repeated or prolonged over exposure to free respirable Crystalline (quartz) silica can cause silicosis or other delayed and serious lung injury. No exposure to respirable Crystalline (quartz) Silica anticipated with recommended use of product. This product contains solvents. Reports associate repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Reports also indicate that solvents cause liver damage, kidney damage, and mucous membrane irritation. Be warned that intentional misuse by deliberately inhaling the vapors and/or the product contents (a process often called "sniffing") can be harmful or fatal.

Carcinogenicity

	ACGIH	IARC	NTP	OSHA
STODDARD SOLVENT	N.E.	No data.	N.E.	N.E.
SILICA, CRYSTALLINE QUARTZ	Suspected human carcinogen.	Human carcinogen.	Known carcinogen.	N.E.

4. FIRST AID MEASURES

Eye contact	:	Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.
Skin contact	:	Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.
Ingestion	:	Do not induce vomiting without medical advice. If conscious, drink plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician. If a person vomits, place him/her in the recovery position. Never give anything by mouth to an unconscious person.
Inhalation	:	Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferably mouth-to-mouth. Seek immediate medical attention.

5. FIRE-FIGHTING MEASURES

Flash point	:	> 200.01 °F (93.34 °C) Method: SETAFLASH
Autoignition temperature	:	no data available
Lower explosion limit	:	no data available
Upper explosion limit	:	no data available
Suitable extinguishing media	:	water fog carbon dioxide (CO2) foam dry chemical water spray
Fire and Explosion Hazards	:	Fire may produce irritating or poisonous fumes. Solid stream of water or foam can cause frothing.

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Special Fire-fighting Procedures : At higher temperature pressure build up in sealed containers. Use water to cool containers exposed to fire. As in any fire, wear pressure demand self-contained breathing apparatus (NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up : Ventilate the area and remove all sources of ignition. Evacuate unnecessary personnel. Take action to eliminate source of leak. Large spills should be handled carefully. Put on respiratory protection and necessary personal protective equipment. Dike or impound spilled Liquid. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling : Keep out of reach of children. For personal protection see section 8.

Storage : Keep tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye protection : Wear as appropriate:
safety glasses with side-shields
goggles
face-shield

Hand protection : Wear Chemically resistant gloves.

Body Protection : Wear as appropriate:
impervious clothing
preventive skin protection

Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use NIOSH approved respirators.

Hygienic Practices : Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice.

Engineering Controls : Local exhaust ventilation can be necessary to control any air contaminants to within their TLVs during the use of this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color : pigmented

Physical State : paste

Odor : slight

pH (at 100 %) : not applicable

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Odor Threshold	:	no data available
Vapor Pressure	:	no data available
Vapor Density	:	no data available
Boiling point/range	:	no data available
Freeze Point	:	no data available
Water solubility	:	insoluble
Specific Gravity	:	1.21
Viscosity	:	4,000 - 16,000 poise
Evaporation rate	:	Slower than ether
Partition coefficient (n-octanol/water)	:	no data available
VOC Concentration as applied (less water and exempt solvents)	:	42.36 g/l

10. STABILITY AND REACTIVITY

Stability	:	Stable under recommended storage conditions.
Conditions to avoid	:	Prolonged exposure to high temperatures
Materials to avoid	:	strong oxidizing agents
Hazardous decomposition products	:	Oxides of carbon nitrogen oxides (NOx)
Hazardous polymerization	:	Will not occur under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute inhalation toxicity

<u>Product</u>	<u>Type</u> LC50	<u>Value</u>	<u>Species</u>	<u>Exposure time</u>
<u>Component</u>				
STODDARD SOLVENT	LC50	no data available		
SILICA, CRYSTALLINE QUARTZ	LC50	no data available		

Acute oral toxicity

<u>Type</u>	<u>Value</u>	<u>Species</u>
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Product LD50 (Oral) no data available

Component

STODDARD SOLVENT LD50 (Oral) no data available

SILICA, CRYSTALLINE QUARTZ LD50 (Oral) 1,300 mg/kg

Acute dermal toxicity

Type Value Species

Product LD50 (Dermal) no data available

Component

STODDARD SOLVENT LD50 (Dermal) no data available

SILICA, CRYSTALLINE QUARTZ LD50 (Dermal) no data available

12. ECOLOGICAL INFORMATION

Ecotoxicological Information : There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

Recommendations: Use excess product in an alternate beneficial application. Handle disposal of waste material in manner which complies with local, state, province and federal regulation.

14. TRANSPORT INFORMATION

DOT : Proper shipping name Not regulated

IATA : Proper shipping name Not regulated

15. REGULATORY INFORMATION

SARA 311/312 (RTK)

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE (ACUTE) HEALTH HAZARD DELAYED (CHRONIC) HEALTH HAZARD

SARA 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

Weight % CAS No. Chemical Name

This product contains no chemicals subject to the SARA 313 supplier notification requirements.

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CERCLA

CERCLA section 103(a) specifically requires the person in charge of a vessel or facility to report immediately to the National Response Center (NRC) a release of a hazardous substance whose amount equals or exceeds the assigned RQ. The following hazardous substances are contained in this product.

<u>RQ</u>	<u>CAS No.</u>	<u>Chemical Name</u>
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No CERCLA chemicals exist in this product above reportable concentrations.

TSCA Section 12(b) Export Notification

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

<u>CAS No.</u>	<u>Chemical Name</u>
108-90-7	CHLOROBENZENE

California Proposition 65

The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm. Unless otherwise specified in Section 2 of this MSDS, these chemicals are present at < 0.1%:

<u>CAS No.</u>	<u>Chemical Name</u>
7439-92-1	INORGANIC LEAD
7440-43-9	CADMIUM
7440-38-2	ARSENIC
7440-02-0	NICKEL
584-84-9	2,4-TOLUENE DIISOCYANATE
91-08-7	2,6 TOLUENE DIISOCYANATE
71-43-2	BENZENE
14808-60-7	SILICA, CRYSTALLINE QUARTZ
108-88-3	TOLUENE

16. OTHER INFORMATION

Legend : N.E. - Not Established
TLV - Threshold Limit Value
STEL - Short Term Exposure Limit
PEL - Permissible Exposure Limit
CEIL - Ceiling

Prepared By : Environment, Health and Safety Department

This information is furnished without warranty, representation, or license of any kind, except that this information is accurate to the best of the manufacturer's knowledge, or is obtained from sources believed by the manufacturer to be accurate and is not intended to be all inclusive. No warranty is expressed or implied regarding the accuracy of this information or the results to be obtained from its use thereof. The manufacturer assumes no responsibility for injuries proximately caused by use of the Material if reasonable safety procedures are not followed as stipulated in this Data Sheet. Additionally, the manufacturer assumes no responsibility for injuries proximately caused by abnormal use of the Material even if reasonable safety procedures are followed. Buyer assumes the risk in its use of the Material.

End of MSDS.



MATERIAL SAFETY DATA SHEET

Schnee-Morehead®, Inc.

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SECTION I - IDENTIFICATION

PRODUCT NAME : Permthane SM7100 / 7108
PRODUCT CODE : SM7100 / 7108
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**
 1 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 : December 20, 2005 **SUPERSEDES DATE** : March 8, 2005

SECTION III - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	OTHER LIMITS	PERCENT (WGT)
Butyl Benzyl Phthalate	85-68-7	5 mg/m3	5 mg/m3		4-20%
Toluene	108-88-3	200 ppm (TWA)	50 ppm (TWA)	188 mg/m3 (TWA)	<3%

SECTION IV - PHYSICAL PROPERTIES

SPECIFIC GRAVITY (H₂O=1) : 1.61 **BOILING POINT** : N/A
NONVOLATILE (% WEIGHT) : >97 **MELT/FREEZE PT** : N/A
SOLUBILITY IN WATER : Insoluable **VAPOR DENSITY** : N/A
EVAPORATION RATE (BuAc=1) : N/A **VAPOR PRESSURE** : N/A
VOLATILE ORGANIC CONTENT : 0.40 lbs/gal or 48 g/l
APPEARANCE/ODOR : Color of pigment, pumpable material - slight aromatic 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** : N/A **UPPER** : N/A
EXTINGUISHING MEDIA : Use carbon dioxide, dry chemical, foam or water spray.

SPECIAL FIREFIGHTING PROCEDURES : Firefighters should wear full emergency equipment with self-contained breathing apparatus. Irritating or toxic gasses may build up and possibly explode.

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.



MATERIAL SAFETY DATA SHEET

Schnee-Morehead®, Inc.

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. Tests have shown that no volatile isocyanates are present. Small amounts of residual toluene present may cause skin and respiratory tract irritation.

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

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 of breath when using this product.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

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

EMERGENCY AND FIRST AID PROCEDURES:

Eye Contact - Flush with warm water for 15 minutes and seek medical attention.
 Skin Contact - Wash with warm water for 15 minutes. If irritation persists, contact a physician.
 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. Ventilate the area. Supply clean-up personnel with appropriate clothing (respirators, gloves, etc....), clean the material with mineral spirits or a mixture of toluene/alcohol if in an uncured state (wet and pliable). If the material is cured, use a solvent such as Dynasolve.

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 from unusual applications and/or used in non-ventilated enclosed areas. If this occurs, wear NIOSH/MSHA approved self-contained breathing apparatus or cartridge 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

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 toxic chemical is a carcinogen). Toluene



MATERIAL SAFETY DATA SHEET

Schnee-Morehead[®], Inc.

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