Ultra Clean IB Wall System		
Proper Name	**Use within System**	**Name on General MSDS List**
Polyurethane adhesive	Panel adhesive	9500 polyurethane adhesive
Dow 999 A Caulk	Caulking for batten	Caulks_all
NG liner	Batten Material	NG liner
UCII	Wall Panel	UC I Panel

GridLock™ Ultra Clean I B Panel

Walls and Ceilings

Product Description:

GridLock™ Ultra Clean I B Wall Panel is an aggregate of components made of a polymer matrix reinforced with fibers composite laminated to a supporting media that form a durable composite panel. The exposed face is composed of resin saturated fibers backed by a .120 fiber backing. The surface finish is glossy and ultra-smooth with no visible fiberglass print through and is ASTM E 84 Fire Rated. The panel is supplied in standard 4' x 8' or 4' x 10 'sizes each being 9 mm thick.

The panel face is chemical resistant and can withstand high pressure wash down. The composite construction does not allow water infiltration making the panel moisture insensitive. Ultra Clean I B is recommended as a wall or ceiling board installed directly over Gyp board or other hard board construction products. It is not recommended to be installed directly over studs. The Ultra Clean I B panel is installed with a batten strip to conceal the butt joint. Since the gel coat surface is integral to the surface it will not peel like normal paints therefore painting is not necessary. The Ultra Clean I B panel systems greatly enhance the impact resistance and overall durability of standard wall and ceiling panel construction and does not require subsequent painting.

GridLock™ wall and ceiling panels are ideal for use in facilities where cleaning and disinfecting are critical. The surface is dense, stain resistant, chemical resistant and impervious to water. The panels will not rust or deteriorate from continued exposure to water and chemicals. GridLock™ Ultra Clean I B panels can be used in food service, animal holding rooms, utility corridors and clean room applications.

Properties:

Finish:

Fire Rating: Class 1 ASTM E 84 for flame spread of 25 or less
Light Reflectance: LR-1, 0.75 or greater
Minimum Weight: 2.0 lbs. per square foot
Finish: Polyester gel coat
Standard Sizes: 4' X 8' and 4' x 10' (Panels can be cut to custom sizing if required)
Panel thickness: 9 mm
Color: White
Finish: Gloss

Cleaning: GridLock™ Ultra Clean II B panels can withstand daily surface washing, wet wiping, dusting and vacuuming and can withstand high-pressure washing. The resinous finish will not support the growth of bacteria or mold. The surface may scratch if an abrasive cleaner or abrasive brush is used.

Sound Absorption: N/A

Installation: Prior to installation the area in consideration should be at operating conditions for temperature and relative humidity for at least 24 hours prior to and during installation to ensure proper fit and seal.

Material Safetv Data Sheet	NG Panels	
Effective Date: 01/01/2015	Previous Revision date: 00/00/0000	Date Printed: 3/19/2015

SECTION 1 Product and Company Information

PRODUCT NAME: NG Panels and Liners
GENERIC NAME: Fiberglass reinforced Plastic

DISTRIBUTOR: Life Science Products
124 Speer Road
Chestertown, MD 21620

Chemtrec
24 Hour Emergency Number 1-800-424-9300
Information Number: 1-800-666-6216
CRM# CCN722733

Comments: To the best of our knowledge, this Material Safety Data Sheet conforms to the requirements of US OSHA 29 CFR1910.1200, 91/155/ECC and Canadian Hazardous Products Act

SECTION 2 Hazards Identification

Emergency Overview

This product contains no hazardous ingredients as defined under the criteria of the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. Dust and other particulates generated during cutting, shaping or forming may cause eye, skin and respiratory tract irritation. This SDS contains information on the safe handling and proper use of the product. MSDS should be available for any person(s) in use of this product.

Emergency Overview: Not expected to cause any adverse health effects when handled as recommended.

Potential Health Effects
Eyes: Dusts and particulates may cause eye irritation
Skin: Dusts and particulates may cause skin irritation
Ingestion: Not likely a route of exposure under normal product usage
Inhalation: Dusts and particulates may cause respiratory tract irritation

Carcinogenicity: Not listed by NTP Not Listed by IARC Not Listed by OSHA	Not listed Reproductive Effects : Not Available Teratogenic Effects: No evidence of mutagenetic effects	Signs and Symptoms of Overexposure:

GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

Health		Environmental	Physical
Eye Irritant Skin Irritant, sensitizer Respiratory Irritant	None Known	Not Classified	Not Classified

Pictogram:

SECTION 3 Composition / Information on Ingredients

F.R.P. panels are solid sheets composed of glass, calcium carbonate, titanium dioxide, alumina and pigment embedded in a cured polymerized, styrenated/acrylated polyester.

SECTION 4 First Aid Measures

Inhalation: Remove person to fresh air. If other respiratory symptoms develop, or person is breathing irregular, seek medical attention immediately.

Skin Contact: N/A

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes..

Ingestion: N/A

SECTION 5 Fire Fighting Measures

FLAMMABILITY: NO FIRE HAZARDS ANTICIPATED.
FLASH POINT: HIGHER THAN PAPER, 451 F
AUTO IGNITION TEMP: NO DATA
EXTINGUISHING MEDIA: DRY CHEMICAL, CO2, WATER SPRAY

SPECIAL EXPOSURE: REMOVE ALL PERSONS FROM THE AREA OF INCIDENT. ISOLATE THE SCENE AND ONLY ALLOW SUITABLE PERSONAL TO TAKE ACTION.
HAZARDOUS THERMAL: COMBUSTION MAY YIELD CO, CO2, ALPHAIC AND AROMATIC HYDROCARBONS AND HALOGENATED COMPOUNDS. TESTS SHOW COMBUSTION GASES TO BE LESS TOXIC THAN THOSE FROM WOOD. .
SPECIAL FIRE FIGHTING: USE MEDIA BEST SUITED FOR FIRE ENVIRONMENT. USE SELF CONTAINED BREATHING APPARATUS FOR LARGE SCALE FIRE

SECTION 6 Accidental Release Measures

No special containment and clean up procedures required. No evacuation procedures required.

SECTION 7 Handling and Storage

Storage: No special storage requirements
Handling: Avoid dust generation. See Section 8 for personal protection.

SECTION 8 Exposure Controls / Personal Protection

EXPOSURE GUIDELINES and Limits

PROTECTIVE CLOTHING: **PROTECTIVE GLOVES.**
RESPIRATORY PROTECTION: **USE MSHA-NIOSH APPROVED RESPIRATOR SUCH AS 3M 8710 WHEN GENERATING DUSTS**
RESPIRATOR SHOULD BE CHOSEN BASED ON EXPOSURE LEVELS.
EYE PROTECTION: **SAFETY GLASSES WITH SIDE SHIELDS ARE RECOMMENDED TO AVOID SPLASHES, MISTS OR DUSTS.**
HYGIENE PROTECTION: AN EYE WASH STATION AND EMERGENCY SHOWER IN WORK AREA IS RECOMMENDED. WASH SKIN WITH SOAP AND WATER AFTER HANDLING. APPROPRIATE TECHNIQUES SHOULD BE USED TO REMOVE ANY CONTAMINATED CLOTHING AND CLOTHING SHOULD BE WASHED BEFORE REUSING.
VENTILATIONS: **VENTILATION IS NOT NORMALLY REQUIRED EXCEPT TO CONTROL DUST. DURING CUTTING, DRILLING, ETC, DUST TO BE CONTROLLED AND KEPT PARTICULATE NOT TO EXCEED 30M PPCF**
EATING AND DRINKING ARE NOT TO BE DONE IN THE AREA OF FABRICATING.

SECTION 9 Physical and Chemical Properties

Appearance Form Color pH Melting/Freezing Temperature Boiling Point	 Rigid sheet varies N/A N/A N/A
Ignition Temperature	Not determined
Autoignition Temperature Lower explosive limit; na	Not applicable
Vapor Pressure	Not applicable
Vapor Density (air=1)	Not applicable
Specific Gravity (water=1 @39.2F)	N/A
Evaporation Rate (Bac=1)	N/P
Odor	None
Odor threshold	
Water Solubility	insoluble

SECTION 10 Stability and Reactivity

REACTIVITY: **PRODUCT IS STABLE.**
CONDITIONS TO AVOID: **AVOID DUST GENERATION**
INCOMPATIBLE MATERIALS: **ALKALI, STRONG MINERAL ACIDS, HYDROFLORIC ACIDS. MAY REACT WITH STRONG OXIDIZING AGENTS.**
HAZARDOUS
POLYMERIZATION: **WILL NOT OCCUR UNDER NORMAL CONDITIONS.**
HAZARDOUS
DECOMPOSITION: **WILL NOT OCCUR UNDER NORMAL CONDITIONS. FIRE MAY PRODUCE CO2, CO, ALPHAIC AND AROMATIC COMPOUNDS, HALOGENATED COMPONENTS LESS TOXIC THAN WOOD.**

SECTION 11 Toxicological Information

United States:
Acute Toxicity – Not Available
Chronic Toxicity – Not Available
Irritation/Corrosion – Not Available
Sensitizer – Not Available
Carcinogenicity – Not Available
Mutagenicity – Not Available
Teratogenicity – Not Available
Reproductive Toxicity – Not Available

SECTION 12 Ecological Information

Biodegradability: Not determined

Aquatic Ecotoxicity: Not Determined

Specific ecotoxicological data is not available for this product.

SECTION 13 Disposal Considerations

Waste Disposal
Component Waste level- Chromium RCRA- 5.0 mg/L regulatory level

Disposal must comply with all Federal, State and Local regulations. See section 7 and 8 for handling and protection.

SECTION 14 Transport Information	
Not classified as hazardous for transport.	**DOT Classification: Not Regulated** **TDG Classification: Not Regulated**

SECTION 15 Regultory Information

U.S. Federal Regulations:

None Specified

SECTION 16 Other Information

Revised to be incompliance with new GHS regulations due by 12/1/2013.

DISCLAIMER: The above information is provided on the data available to us and believed to be true and accurate. The information contained herein is offered in good faith and no warranty, expressed or implied, are made regarding the accuracy of this data since conditions or use is beyond our control. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. LSP, Inc. assumes no responsibilities for the use of handling of this product.

PREMIER BUILDING SOLUTIONS, INC..

XTRABOND 9500 MODIFIED POLYURETHANE SEALANT WHITE

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Brand Name: XtraBond 9500 Modified Hybrid Sealant
Product Use: Sealant & Adhesive
Proper DOT Shipping: Caulking & Glaziers, NOI
DOT Hazard Classification: NONE
Molecular Formula: Mixture

NFPA Profile: Health 2 Flammability 1 Instability/Reactivity 0

Note: NFPA = National Fire Protection Association

Company Contact Information	**Emergency Telephone Number**
Premier Building Solutions, Inc. 480 Nova Drive Massillon, OH. 44646	CHEMTREC: 800-424-9300 (24 hours) Telephone: 866-512-4583

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Acute Effects

Eye:	Direct contact may cause moderate irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.
Skin:	May cause moderate irritation. Symptoms may include redness and burning of skin.
Inhalation:	Irritates respiratory passages very slightly. Vapor overexposure may be harmful and cause drowsiness.
Oral:	Swallowing large amounts may cause drowsiness.

Prolonged/Repeated Exposure Effects

Skin:	Repeated or prolonged contact may cause defatting and drying of skin which may result in skin irritation and dermatitis. Overexposure by skin absorption may injure the following organ(s): Liver.
Inhalation**:**	Overexposure by inhalation may injure the following organ(s): Liver.
Oral:	Overexposure by ingestion may injure the following organ(s): Liver.

Signs and Symptoms of Overexposure

No known applicable information.

Medical Conditions Aggravated by Exposure

Eye or skin disease.

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS Number	Wt %	Component Name
1317-65-3	<50%	Calcium Carbonate
----------	<50%	Proprietary Polymers
13463-67-7	<10%	Titanium Dioxide

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

4. FIRST AID MEASURES

Eye: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 – 20 minutes while holding the eyelid(s) open. If contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Take care not to rinse contaminated water into the unaffected eye or onto the face. Immediately obtain medical attention.

Skin: Remove contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Quickly and gently blot or brush away excess chemical. Flush with lukewarm gently flowing water for 15 minutes. If irritation persists, repeat flushing. If irritation persists, obtain medical advice.

Inhalation: Material is not likely to present an inhalation hazard at ambient conditions. If material is heated or vapor is generated, care should be taken to prevent inhalation. In case of exposure to vapor, move to fresh air.

Oral: Never give anything by mouth if victim is rapidly losing consciousness or convulsing. DO NOT INDUCE VOMITING. Have victim drink 2 to 8 oz. (60 to 240 mL) of water. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Have victim rinse mouth with water again. Obtain medical attention.

Note to Physician: Treat according to person's condition and specifics of exposure.

5. FIRE FIGHTING MEASURES

Flash Point:	> 212F/100C (Closed Cup)
Autoignition Temperature:	Not determined.
Flammability Limits in Air:	Not determined.
Extinguishing Media:	On large fires use fog, foam or water spray. On small fires use carbon dioxide (CO2), dry chemical or foam. 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.

6. ACCIDENTAL RELEASE MEASURES

Containment/Clean up:	Ventilate area. 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 absorbent 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.

7. HANDLING AND STORAGE

Use with adequate ventilation to keep area below established exposure levels. Avoid eye contact. Avoid skin contact. Avoid breathing vapor. Keep container closed. Do not take internally.

Use reasonable care and store away from acidic and oxidizing materials. Keep container closed and store away from water or moisture.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Component Exposure Limits

CAS Number	Component Name	Exposure Limits
1317-65-3	Calcium Carbonate	OSHA PEL 15 mg/m^3, ACGIH TLV 10 mg/m^3
13463-67-7	Titanium Dioxide	OSHA PEL 15 mg/m^3, ACGIH TLV 10 mg/m^3

Exposure limits are provided for information only. These chemicals are not in a respirable form in this product.

Engineering Controls

Local Ventilation: Recommended.

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: Avoid skin contact by implementing good industrial hygiene practices and procedures. Select and use gloves and/or protective clothing to further minimize the potential for skin contact. Consult with your glove and/or personnel protective equipment manufacturer for selection of appropriate compatible materials.

Inhalation: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. IH personnel can assist in judging the adequacy of existing engineering controls.

Suitable Respirator: Respiratory protection is not needed under ambient conditions. If vapor is generated when material is heated or handled, the following is advised. General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

Personal Protective Equipment for Spills

Eyes:	Use full face respirator.
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:	Respiratory protection recommended. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MHSA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.
Precautionary Measures:	Avoid eye contact. Avoid skin contact. Avoid breathing vapor. Keep container closed. Do not take internally. Use reasonable care.

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

9. PHYSICAL & CHEMICAL PROPERTIES

Physical Form:	Paste
Color:	N/A
Odor:	Mild
Specific Gravity @ 25°C:	~1.3 – 1.7
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:	Slightly soluble
pH:	Not determined.
Flash Point:	> 212F/100C (Closed Cup)
Autoignition Temperature:	Not determined.
Flammability Limits in Air:	Not determined.

VOLATILE ORGANIC COMPOUNDS (VOC): Product complies with State and Federal regulations for VOC content.

Note: The above information is not intended for use in preparing product specifications.

10. STABILITY AND REACTITY

Chemical Stability: Stable.

Hazardous Polymerization: Hazardous polymerization will not occur.

Conditions to Avoid: Avoid temperatures above 120 °F.

Materials to Avoid: Acidic and oxidizing material can cause a reaction.

Hazardous Decomposition Products

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

11. TOXICOLOGICAL INFORMATION

Component Toxicology Information

For Product

Not Established

For Titanium Dioxide

Trochimowicz, et al.c J. Appl. Tox., 8, 383-385 (1988)

Oral LD (rat) >25g/kg
Dermal LD (rabbit) >10 g/kg
Inhalation LC (rat) >6.82 mg/l (4 hr)

Special Hazard Information on Components

None

12. ECOLOGICAL CONSIDERATIONS

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.

14. TRANSPORT INFORMATION

DOT Road Shipment Information (49 CFR 172.101)

Not subject to DOT.

Ocean Shipment (IMDG)

Not subject to IMDG code.

Air Shipment (IATA)

Not subject to IATA regulations.

15. REGULATORY INFORMATION

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

This material is considered hazardous.

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.

Note: Chemicals are listed under the 313 Toxic Chemicals section only if they meet or exceed a reporting threshold.

XTRABOND 9500 MODIFIED POLYURETHANE SEALANT WHITE

Work Place Hazardous Material Information Sysytems (CRP Section 33)

This product has been classified according to the hazard criteria of the Controlled Products Regulation and the MSDS contains all required information.

3 Controlled Product: Classification: D2B

Supplemental State Compliance Information

California

To the best of our knowledge, this product contains no levels of chemicals 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.

Massachusetts

CAS Number	Wt %	Component Name
13463-67-7	<10%	Titanium Dioxide

Minnesota

CAS Number	Wt %	Component Name
13463-67-7	<10%	Titanium Dioxide

New Jersey

CAS Number	Wt %	Component Name
13463-67-7	<10%	Titanium Dioxide (SN 1861)

Pennsylvania

CAS Number	Wt %	Component Name
13463-67-7	<10%	Titanium Dioxide

Rhode Island

CAS Number	Wt %	Component Name
13463-67-7	<10%	Titanium Dioxide

XTRABOND 9500 MODIFIED POLYURETHANE SEALANT WHITE

WHMIS Classification.....……..D2

NOTE: THE PRODUCT LISTED ON THIS MSDS HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CANADIAN CONTROLLED PRODUCTS REGULATIONS. THIS MSDS CONTAINSALL INFORMATION REQUIRED BY THOSE REGULATIONS.

16. OTHER INFORMATION

Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.

http://www.xtrabond.com

DOW CORNING

DOW CORNING CORPORATION
Material Safety Data Sheet

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

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.

Signs 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 (CO2), 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

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

CAS Number	Component Name	Exposure Limits
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).

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.

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)

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

CAS Number	Wt %	Component Name

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

7631-86-9	7.0 - 13.0	Silica, amorphous

New Jersey

CAS Number	Wt %	Component Name
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

CAS Number	Wt %	Component Name
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

Material Safety Data Sheet

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

Chemical	CAS No.	TLV	STEL	PEL	CEIL	Weight %
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

	HEALTH	FLAMMABILITY	PHYSICAL HAZARD
HMIS® Rating	2	1	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

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 (catagory 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.

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

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 that 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

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

Acute oral toxicity

	Type	Value	Species

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.

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.

RQ	CAS No.	Chemical Name

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:

CAS No.	Chemical Name
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%:

CAS No.	Chemical Name
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.

SECTION I - IDENTIFICATION

PRODUCT NAME : Permathane 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 (H_2O=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 gassess 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 pressence of humid air or moisture.

INCOMPATABILITY (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.

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

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 save 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.

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