

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: MLG 33 Low Gloss Seam Sealer

Chemical Name: Sealer and adhesive

Product Use/Class: Seam sealer, weld

Company Information: Mannington Mills, Inc.
P.O. Box 30 - Route 45
75 Mannington Mills Road
Salem, New Jersey 08079

Phone Numbers: General: (856) 935-3000
Product Emergency: (866) 359-5602
Spill Response: (800) 424-9300

Effective Date: January 2, 2009

Supersedes Date: June 23, 2003

Reason for Revision: Updated

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %	Exposure Guidelines				Other
			ACGIH - TLV		OSHA - PEL		
			TWA	STEL	TWA	Ceiling	
Part A:							
Tetrahydrofuran	109-99-9	N.A.	200 ppm				
Ketone	Proprietary	N.A.	25 ppm				
Aliphatic Isocyanate	Proprietary	N.A.	0.055 mg/m ³				
Part B:							
Tetrahydrofuran	109-99-9	N.A.	200 ppm				
Ketone	Proprietary	N.A.	25 ppm				
Urethane Bisoxazolidine	Proprietary	N.A.	N.E.				

SECTION 3 - HAZARDS IDENTIFICATION
EMERGENCY OVERVIEW

Form: Clear to hazy liquid

Color: Clear to hazy

Odor: Solvent odor

WARNING STATEMENTS

Flammable. Harmful is absorbed through skin.

POTENTIAL HEALTH EFFECTS

Primary Routes of Exposure

Eye Contact: Causes eye irritation

Skin Contact: May be absorbed through skin and cause skin sensitization, irritation or dermatitis.

Inhalation: Possible irritation of the respiratory system causing dizziness, headaches, throat dryness, or shortness of breath. Certain individuals may have high sensitivity to isocyanate. (Part A) could have an allergic condition resulting in asthma like conditions. Repeated skin contact may cause dermatitis.

Ingestion: Harmful if swallowed. Ingestion is not an expected route of entry.

Chronic: Possible irritation of the respiratory system causing dizziness, headaches, throat dryness, or shortness of breath. Certain individuals may have high sensitivity to isocyanate. (Part A) could have an allergic condition resulting in asthma like conditions. Repeated skin contact may cause dermatitis.

Other: None.

Refer to Section 11 for toxicological information.

SECTION 4 - FIRST AID MEASURES

If in Eyes: Flush eyes immediately with large amounts of water for at least fifteen minutes. Seek medical attention.

If on Skin: Wash affected area with soap and water. Remove contaminated clothing. Consult physician if irritation persists.

If Inhaled: Move victim to fresh air. Restore breathing. If unconscious, seek medical attention.

If Swallowed: Drink one or two glasses of water or milk to dilute. Do not induce vomiting. Seek medical attention or poison control center immediately. Test systematically.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: 2 deg. F.

Lower Explosive Limit (LEL) %: Tetrahydrofuran-2; Ketone-0.8;

Upper Explosive Limit (UEL) %: Tetrahydrofuran-11.8; Ketone-6.2

Auto-Ignition Temperature: Not determined

OSHA Flammability Classification: Not determined

Hazardous Products of Combustion: Not determined

Extinguishing Media: CO₂, dry chemical foam, water fog

Unusual Fire and Explosion Hazards: Not determined

Fire Fighting Equipment: Not determined

Miscellaneous Advice: Not determined

Refer to Section 10 for additional information.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Remove all possible sources of ignition.

Methods for Clean-up: Contain and remove with inert absorbent material and non-sparking tools.

Refer to Section 13 for disposal information.

Refer to Sections 14 and 15 for reportable quantity information.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid skin and eye contact. Do not handle until all safety precautions have been read and understood. Use with adequate ventilation. Keep away from heat, sparks and flame.

Storage: Do not store or use near heat, sparks or open flame. Store only in well ventilated areas.

Consult the Mannington Professional Installation Handbook for additional information on handling and storage.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Full ventilation required

Respiratory Protection: Use NIOSH/MSHA approved air purifying respirator with combination dust/mist filter and organic vapor cartridge in absence of ventilation.

Eye Protection: Safety glasses with side shields as minimum protection.

Hand and Skin Protection: Use if skin contact is likely. Neoprene, nitrile, or rubber gloves are recommended.

Other Protective Equipment: None

Hygienic Practices: Always wash hands before eating, smoking or using toilet facilities. Do not smoke in any chemical handling or storage area. Food or beverages should not be consumed anywhere this product is handled or stored. Wash thoroughly after handling.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear to hazy liquid

Physical State: Liquid

Melting Point: N.A.

Boiling Point: 151-464 deg F

Density: N.A.

Vapor Density: Heavier than air

Specific Gravity: 0.95 (Water = 1.0)

Water Solubility: Negligible

Volatiles (Wt. %): N.A.

VOC (Grams Per Liter): Pt. A-807 g/L, Pt. B-789 g/L

Vapor Pressure: Tetrahydrofuran-145 mm Hg/20 C

Ketone-3.4 mm Hg/20 C

Aliphatic Isocyanate-0.001 mm Hg/20 C

Evaporation Rate: Slower than ether

pH: N.A.

Decomposition Temperature: N.A.

SECTION 10 - STABILITY AND REACTIVITY

Conditions to Avoid: High temperatures, sources of ignition.

Materials to Avoid: Avoid strong acids, bases, and strong oxidizers.

Stability: Stable under normal storage conditions.

Hazardous Reactions: N.A.

Hazardous Polymerization: Will not occur under normal conditions.

Hazardous Decomposition Products: Will not occur under normal conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

Product LD50 (Oral): Not known

Product LD50 (Dermal): Not known

Product LC50: Not known

Immediate (Acute) Effects: No information known.

Delayed (Subchronic & Chronic) Effects: No information known.

SECTION 12 - ECOLOGICAL INFORMATION

No information known.

SECTION 13 - DISPOSAL CONSIDERATIONS

US EPA RCRA Status: N.A.

Disposal Considerations: N.A.

Disposal Method: N.A.

Miscellaneous: Disposal should be done in accordance with all local, state and federal (40 CFR Part 261) regulations. Be aware that state and local requirements differ widely depending on location and may in many cases be different from federal rules.

SECTION 14 - TRANSPORT INFORMATION

The information provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transport.

DOT Proper Shipping Name: N.A.

DOT Hazard Class: ORM-D

DOT UN/NA Number: N.A.

Packing Group: N.A.

Emergency Response Guide Number: N.A.

Other: DOT Consumer Commodity

SECTION 15 - REGULATORY INFORMATION

U.S. Federal Regulations: OSHA - Hazardous

SARA Section 313: 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: Tetrahydrofuran, Ketone, Aliphatic Isocyanate, Urethane Bisoxazolidine.

Toxic Substances Control Act:

Inventory Status: The chemical substances in this product are on the TSCA Section 8 Inventory.

Export Notification: Contains the following chemical substance subject to the reporting requirements of Section 313 of TSCA 12(b) if exported from the United States: Tetrahydrofuran, CAS 109-99-9.

Other: None

SECTION 16 - OTHER INFORMATION

Hazard Ratings	Health	Fire	Reactivity	Additional Information
Suggested NFPA Rating	2	3	0	
Suggested HMIS Rating				

Disclaimer:

Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date of hereof, the company makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will the company be responsible for damages of any nature whatsoever resulting from the use of or reliance upon Information. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.

Legend:

N.E. - Not Established	S - Skin
N.A. - Not Available	ppm - Parts per Million
N/A - Not Applicable	° F. - Degrees Fahrenheit
C - Ceiling (Exposure Levels)	° C. - Degrees Centigrade
PEL - Permissible Exposure Limits	STEL - Short-Term Exposure Limit
OEL - Occupational Exposure Limit	CIH - Certified Industrial Hygienist
TSCA - Toxic Substances Control Act	TWA - Time Weighted Average
NFPA - National Fire Protection Association	
TLV - Exposure Limits Developed by ACCIH	
MSHA - Mine Safety and Health Administration	
NIOSH - National Institute for Occupational Safety	
OSHA - Occupational Safety and Health Administration	
HAZCOM - Hazard Communication Standard (29CFR1910.1200)	
ACGIH - American Conference of Government Industrial Hygienists	
CERCLA - Comprehensive Environmental Response, Comprehensive and Liability Act	

