

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**Product Name:** V-81 Commercial Adhesive**Chemical Name:** Water Emulsion Latex Adhesive**Product Use/Class:** Sheet flooring adhesive**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:** May 15, 2007**Reason for Revision:** Update**SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS Number	Weight %	Exposure Guidelines			
			ACGIH - TLV		OSHA - PEL	
			TWA	STEL	TWA	Ceiling
None per OSHA hazard Communication Standard - 29 CFR 1910.1200.						

SECTION 3 - HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW****Form:** Paste**Color:** Off-white**Odor:** Slight odor**WARNING STATEMENTS**

Potential skin and eye irritant to sensitive individuals. Harmful or fatal if swallowed.

POTENTIAL HEALTH EFFECTS**Primary Routes of Exposure****Eye Contact:** May cause eye irritation**Skin Contact:** Prolonged or repeated contact with skin may cause irritation and possible dermatitis.**Inhalation:** May be hazardous if inhaled in large amounts. May cause irritation to nose, throat, and lungs.

Ingestion: May be toxic if ingested in large amounts. May cause throat irritation, gastrointestinal discomfort, griping, diarrhea and vomiting.

Chronic: N.A.

Other: Effects of Overexposure: May cause irritation to eyes and skin. Repeated or prolonged contact may cause severe irritation to both eyes and skin.

Medical Conditions Aggravated by Exposure: Allergies, skin and respiratory disorders. Product sensitivity.

Refer to Section 11 for toxicological information.

SECTION 4 - FIRST AID MEASURES

If in Eyes: Flush eyes with water for 15-20 minutes while holding eyelid open. Seek medical attention immediately if irritation persists.

If on Skin: Avoid contact with skin. Remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation persists, seek immediate medical attention.

If Inhaled: Move victim to fresh air. Seek medical attention.

If Swallowed: Do not induce vomiting. Seek immediate medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: > 212 deg F

Lower Explosive Limit (LEL) %: Not available

Upper Explosive Limit (UEL) %: Not available

Auto-Ignition Temperature: Not available

OSHA Flammability Classification: Not available

Hazardous Products of Combustion: Not available

Extinguishing Media: Product will not burn until all water has evaporated. Water spray, carbon dioxide, dry chemical, or foam.

Unusual Fire and Explosion Hazards: Not known

Fire Fighting Equipment: Wear standard fire fighting gear with self-contained breathing apparatus.

Miscellaneous Advice: Not available.

Refer to Section 10 for additional information.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use appropriate protective equipment.

Methods for Clean-up: Contain with inert material (kitty litter, pads, rags, towels) to prevent from entering soil, water, drains, or sewage systems. Transfer to a suitable container for proper disposal.

Refer to Section 13 for disposal information.

Refer to Sections 14 and 15 for reportable quantity information.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid prolonged skin contact. Use only in well ventilated areas.

Storage: Store in a dry environment. Close containers after use. Keep from prolonged freezing for optimum performance. However, this product will withstand three freeze-thaw cycles with no adverse effects on performance. If accidentally frozen, allow to thaw completely, mix thoroughly and check for homogeneity and normal troweling. Acceptable storage temperature range is 35-95 deg F.

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

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use in WELL VENTILATED areas only, local exhaust at point of use.

Respiratory Protection: Use NIOSH/MSHA approved air supply respirator in absence of proper ventilation. Engineering or administrative controls should be implemented to reduce exposure.

Eye Protection: Safety glasses or goggles as necessary to prevent eye contact.

Hand and Skin Protection: As needed to prevent contact with skin.

Other Protective Equipment: 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.

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: Off-white paste

Physical State: Paste

Freezing Point: 0 deg C

Boiling Point: 212 deg F

Density: 9.5 lb/gal

Vapor Density: N/A

Specific Gravity (Water = 1.0): N/A

Water Solubility: Miscible

Volatiles (Wt. %):

VOC (calculated): 33 grams/liter (solvent-free)

Vapor Pressure: N/A

Evaporation Rate: Same as water

pH: 9.1 - 9.7

Decomposition Temperature: N/A

SECTION 10 - STABILITY AND REACTIVITY

Conditions to Avoid: None known

Materials to Avoid: Strong oxidizing agents, strong acids, and strong bases.

Stability: Stable

Hazardous Reactions: None known

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, oxides of nitrogen, and other unidentified organic compounds.

SECTION 11 - TOXICOLOGICAL INFORMATION

Product LD50 (Oral): Not available

Product LD50 (Dermal): Not available

Product LC50: Not available

Immediate (Acute) Effects: Not available

Delayed (Subchronic & Chronic) Effects: Overexposure may cause some irritation to eyes and skin. Repeated and/or prolonged contact with the adhesive may cause dermatitis.

SECTION 12 - ECOLOGICAL INFORMATION

Product produces no to slight toxicity to aquatic life. Insufficient data exists to evaluate the effect on plants, birds, or land animals.

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: Not regulated

DOT Hazard Class: Not regulated

DOT UN/NA Number: Not regulated

Packing Group: Not regulated

Emergency Response Guide Number: Not regulated

Other: Not regulated

SECTION 15 - REGULATORY INFORMATION

U.S. Federal Regulations: N.A.

SARA Section 313: N.A.

Toxic Substances Control Act: N.A.

Inventory Status: N.A.

Export Notification: N.A.

Other: California Proposition 65 - No components in this product are present at levels known to the state of California to cause cancer, birth defects or reproductive harm.

SECTION 16 - OTHER INFORMATION

Hazard Ratings	Health	Fire	Reactivity	Additional Information
Suggested NFPA Rating	1	0	0	Protection B
Suggested HMIS Rating				

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Legend:

N.E. - Not Established

N.A. - Not Available

N/A - Not Applicable

C - Ceiling (Exposure Levels)

PEL - Permissible Exposure Limits

OEL - Occupational Exposure Limit

TSCA - Toxic Substances Control Act

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

S - Skin

ppm - Parts per Million

° F. - Degrees Fahrenheit

° C. - Degrees Centigrade

STEL - Short-Term Exposure Limit

CIH - Certified Industrial Hygienist

TWA - Time Weighted Average