

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**Product Name:** M-Guard V-68 Ultra Premium Commercial Adhesive**Product Use/Class:** Resilient 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 13, 2008**Reason for Revision:** Update**SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS Number	Weight %	Exposure Guidelines				
			ACGIH - TLV		OSHA - PEL		Other
			TWA	STEL	TWA	Ceiling	
None per OSHA Standard 29 CFR 1910.1200 & SARA Title III, Section 313.							

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

None

POTENTIAL HEALTH EFFECTS**Likely Routes of Exposure****Eye Contact:** Eye irritation only expected if solid material enters eye or if ventilation is poor.
Irritation expected to be temporary.

Skin Contact: May cause skin irritation if good hygiene practices are not followed. Repeated and/or prolonged contact may cause dermatitis.

Inhalation: Excess inhalation may cause adverse effects if proper ventilation is not assured. May cause slight upper respiratory tract irritation.

Ingestion: Can cause nausea, vomiting, griping and diarrhea.
Keep out of the reach of children and pets.

Chronic: None known

**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 with water for 15 minutes. Seek medical attention if irritation persists.

If on Skin: Avoid contact. Wash thoroughly with warm, soapy water. Remove contaminated clothing.

If Inhaled: Remove to fresh air. Seek medical attention.

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

Do not give anything by mouth to an unconscious or convulsing person.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: N/A

Lower Explosive Limit (LEL) %: N/A

Upper Explosive Limit (UEL) %: N/A

OSHA Flammability Classification: Non-combustible liquid/mastic

Hazardous Products of Combustion: N/A

Extinguishing Media: Water spray, carbon dioxide, dry chemical or foam, as appropriate for surrounding fire.

Unusual Fire and Explosion Hazards: None

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

Miscellaneous Advice: Product will not burn until all water has evaporated.

Refer to Section 10 for additional information.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use appropriate protective equipment.

Methods for Clean-up: Contain with sand, earth or other absorbent material, to prevent from entering water or sewage systems. Product is not a liquid, so it can be easily contained.

Refer to Section 13 for disposal information.

Refer to Sections 14 and 15 for reportable quantity information.

SECTION 7 - HANDLING AND STORAGE

Handling: Use only with adequate ventilation. Avoid prolonged skin contact.

Storage: Keep containers tightly closed when not in use and during transport. While this adhesive is freeze/thaw stable, it is recommended to protect it from freezing. Do not puncture. Store in a cool, dry place (50-90° F.).

Keep out of the reach of children and pets.

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

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use only in well-ventilated areas. Local exhaust at point of use is preferable.

Respiratory Protection: Not normally required, assuming adequate ventilation is provided. Use NIOSH approved organic vapor/mist respirator if irritation occurs.

Eye Protection: Not normally required. Goggles, if eye contact is probable.

Hand and Skin Protection: Not normally required, unless prolonged contact is expected. May use chemical-resistant gloves.

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: Off-White

Physical State: Viscous Paste

Odor: Slight

Melting Point: N/A

Boiling Point: 212° F or higher

Density: 8.5 lbs/gal

Water Solubility: Miscible (Dispersible)

Volatiles (Vol. %): Approximately 49%

Vapor Pressure: Heavier than air

Evaporation Rate: Slower than ether

VOC (calculated): 19 grams/liter (solvent-free)

SECTION 10 - STABILITY AND REACTIVITY

Conditions to Avoid:	Protect from freezing.
Materials to Avoid:	Strong oxidizing agents, strong acids and strong bases
Stability:	Stable
Hazardous Reactions:	N.A.
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):	N/A
Product LD50 (Dermal):	N/A
Product LC50:	N/A
Immediate (Acute) Effects:	None known.
Delayed (Subchronic & Chronic) Effects:	None known; not a suspected carcinogen.

SECTION 12 - ECOLOGICAL INFORMATION

None known.

SECTION 13 - DISPOSAL CONSIDERATIONS

US EPA RCRA Status:	N/A
Disposal Considerations:	N/A
Disposal Method:	Allow to dry, then dispose of in a proper manner.
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:	Adhesives
DOT Hazard Class:	Non-hazardous
DOT UN/NA Number:	N/A
Packing Group:	N/A
Emergency Response Guide Number:	800-424-9300
Other:	

SECTION 15 - REGULATORY INFORMATION

U.S. Federal Regulations: None
SARA Section 313: None
Toxic Substances Control Act: None
Inventory Status: None
Export Notification: None
Other: None

SECTION 16 - OTHER INFORMATION

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

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
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