

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**Product Name:** V-95 Part A, V-95 Part B Adhesive System**Chemical Name:****Product Use/Class:** 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:** January 20, 2007**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 | |
| Part A | | | | | | | |
| Epichlororhydrin / Bisphenol A | 25068-38-6 | 40-45 | | | | | SARA Rep |
| Part B | | | | | | | |
| Modified Polyamide Mixture | | 60-65 | | | | | SARA Rep |
| | | | | | | | |

SECTION 3 - HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW****Form:** Part A: Off white soft paste

Part B: Amber semi-solid

Color: Part A: Off-white

Part B: Amber

Odor: Part A: Mild

Part B: Characteristic amine

WARNING STATEMENTS

Potential skin and eye irritant. Harmful or fatal if swallowed.

POTENTIAL HEALTH EFFECTS

Primary Routes of Exposure

Eye Contact: Vapors may cause slight irritation

Skin Contact: May cause irritation

Inhalation: Vapors may cause slight respiratory tract irritation

Ingestion: May cause nausea and vomiting

Chronic: May cause skin irritation

Other:

Refer to Section 11 for toxicological information.

SECTION 4 - FIRST AID MEASURES

If in Eyes: Wash with water at least 15 minutes. If irritation persists, seek medical attention.

If on Skin: Wash affected area with soap and water. If irritation persists, seek medical attention.

If Inhaled: Remove to fresh air. Administer oxygen. If necessary, seek medical attention.

If Swallowed: Call physician.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Part A: 320-485 F, Part B: 243 F (Method - TAC Closed Cup)

Lower Explosive Limit (LEL) %:

Upper Explosive Limit (UEL) %:

Auto-Ignition Temperature:

OSHA Flammability Classification:

Hazardous Products of Combustion:

Extinguishing Media: Water spray, carbon dioxide, foam, dry chemical

Unusual Fire and Explosion Hazards: Do not expose to excessive heat, open flame or sparks.

Fire Fighting Equipment: Respiratory protection (self-contained apparatus)

Miscellaneous Advice:

Refer to Section 10 for additional information.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear protective clothing.

Methods for Clean-up: Soak material with clay or sand. Place contaminated material in non-leaking container.

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.

Storage: Store in a cool (60-95 deg F), dry, well ventilated area away from sun. Protect from freezing.

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

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation exhaust at point of use is recommended. Do not use closed air circulating system.

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

Eye Protection: Use safety glasses with side shields as minimum protection.

Hand and Skin Protection: If skin contact is likely, use neoprene or nitrile gloves. Remove contaminated clothing immediately.

Other Protective Equipment:

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

| | Part A | Part B | Parts A & B Mixed |
|--------------------------------------|------------------|------------------|-------------------|
| Appearance: | Off-white paste | Amber semi-solid | Off-white paste |
| Physical State: | Paste | Semi-Solid | Paste |
| Water Solubility: | None | Slight | Slight |
| Volatiles (Wt. %): | - | - | - |
| Specific Gravity: (Water=1.0) | 1.5 | 1.25 | 1.25 - 1.5 |
| Vapor Pressure: | > 1 | > 1 | > 1 |
| VOC (calculated) | < 5 grams/liter | < 3 grams/liter | < 5 grams/liter |
| Melting Point: | N/A | N/A | N/A |
| Boiling Point: | > 212°F (>100°C) | > 212°F (>100°C) | > 212°F (>100°C) |
| Density: | - | - | 11.5 lbs/gal |
| Vapor Density: | N/A | N/A | N/A |
| Evaporation Rate: | Same as water | Same as water | Same as water |
| Decomposition Temperature: | N/A | N/A | N/A |
| pH: | N/A | N/A | N/A |

SECTION 10 - STABILITY AND REACTIVITY

Conditions to Avoid: Part A: Elevated temperatures; Part B: None known

Materials to Avoid: Part A: Strong acids and bases; Part B: Oxidizing materials, cleaning solutions such as Chromerge (sulfuric acid/dichromate) and Aqua Regia

Stability: Part A: Stable; Part B: Stable

Hazardous Reactions: Reactions with nitrous acid, nitrates or high nitrous oxide concentrations may produce N-nitrosamines (a carcinogen).

Hazardous Polymerization: None will occur.

Hazardous Decomposition Products: CO, CO₂, oxides of nitrogen, cyano compounds, amides, and unidentified organic compounds.

SECTION 11 - TOXICOLOGICAL INFORMATION

Product LD50 (Oral):

Product LD50 (Dermal):

Product LC50:

Immediate (Acute) Effects: Part A: Skin irritation; Part B: Skin irritation

Delayed (Subchronic & Chronic) Effects: Part A: Skin irritation; Part B: Skin irritation.

SECTION 12 - ECOLOGICAL INFORMATION

No information available.

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:

DOT Hazard Class: None

DOT UN/NA Number:

Packing Group:

Emergency Response Guide Number:

Other:

SECTION 15 - REGULATORY INFORMATION

U.S. Federal Regulations: N.A.

SARA Section 312: Part A: Acute Health Hazard; Part B: Immediate Health Hazard

SARA Section 313: None

Toxic Substances Control Act: All components listed

Inventory Status: N.A.

Export Notification: N.A.

Other: California Prop 65: This product contains a chemical(s) 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 | 2 | 1 | 0 | |
| Suggested HMIS Rating | 2 | 1 | 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