

## Part B

### Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations  
 Revision Date: 04/20/2017 Date of issue: / /

Version:

## SECTION 1: IDENTIFICATION

### 1.1. Product Identifier

**Product Form:** Semi solid Paste

**Product Name:** V95 Solvent Free Epoxy Flooring Adhesive Part B

### 1.2. Intended Use of the Product

**Use of the substance/mixture:** Part A and Part B when mixed uniformly is used for indoor installation of Mannington Commercial BioSpec, Lifelines II, Mannington Assurance II, Realities, Primus, Nature's Path, Nature's Path Select, and Mannington Assurance LV flooring products.

### 1.3. Name, Address, and Telephone of the Responsible Party

Mannington Mills, Inc.

P.O. Box 30 – Route 45

75 Mannington Mills Road

Salem, New Jersey 08079 U.S.A.

General Information: (856) 935-3000

### 1.4. Emergency Telephone Numbers

: **Product/Medical Emergency Phone Number (24 Hours):** (866) 359-5602

: **Transport Emergency:**

Within the U.S. - CHEMTREC: (800) 424-9300

Outside the U.S. – CHEMTREC: +1-703-527-3887

## SECTION 2: HAZARDS IDENTIFICATION

None as per OSHA Regulation: 29 CFR 1910.1200

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Name	Product Identifier	%	Classification (GHS-US)

### 3.2. Mixture

Name	Product Identifier	%	Classification (GHS-US)
Modified Polyamide	mixture	40 - 50	

Full text of H-phrases: see section 16

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First Aid Measures

**First-aid Measures General:** Seek medical advice. If breathing has stopped or is labored, give assisted respirations.

**First-aid Measures After Inhalation:** Remove person to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical attention.

**First-aid Measures After Skin Contact:** Wash contaminated area with soap and plenty of water for at least 20 minutes. Remove contaminated clothing and wash before reuse. If irritation develops, seek medical attention.

**First-aid Measures After Eye Contact:** Hold eyelids apart and flush eyes with plenty of water for at least 20 minutes. Get medical attention.

**First-aid Measures After Ingestion:** If swallowed, do not induce vomiting. Seek immediate medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms/Injuries:** Eczema, Allergy and existing skin conditions might be aggravated due to exposure.

**Symptoms/Injuries After Inhalation:** Product has mild odor. None is expected.

**Symptoms/Injuries After Skin Contact:** Slight irritation might happen.

**Symptoms/Injuries After Eye Contact:** Irritation might happen

**Symptoms/Injuries After Ingestion:** Gastro intestinal irritation might happen

**Chronic Symptoms:** No data available

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## 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

### SECTION 5: FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Alcohol resistant foam, Carbon dioxide, dry chemical, dry sand, limestone powder

**Unsuitable Extinguishing Media:** Do not use heavy water stream.

#### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** ammonia gas may be liberated at high temperature.

**Explosion Hazard:** Decomposition and combustion products may be toxic. Incomplete combustion will increase the formation of nitrogen oxides, incomplete combustion will also form carbon monoxides. Toxic fumes will be liberated.

**Reactivity:** Avoid strong acids and bases in bulk and elevated temperatures.

#### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Decomposition and combustion products may be toxic

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid fire-fighting water to enter environment.

**Protection During Firefighting:** For fires in enclosed areas, wear self-contained breathing apparatus. Do not inhale combustion gases.

**Other Information:**

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Always wear appropriate respirators, chemical resistant gloves, safety glasses, apron and boots if necessary to prevent contact.

##### 6.1.1. For Non-emergency Personnel

**Protective Equipment:** Always wear chemical resistant gloves, safety glasses, apron and boots if necessary to prevent contact.

**Emergency Procedures:** Evacuate unnecessary personnel.

##### 6.1.2. For Emergency Responders

**Protective Equipment** Always wear appropriate respirators, chemical resistant gloves, safety glasses, apron and boots if necessary to prevent contact.

**Emergency Procedures:** Ventilate the area

#### 6.2. Environmental Precautions

#### 6.3. Methods and Material for Containment and Cleaning Up

**For Containment:** Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

**Methods for Cleaning Up:** Remove material, use adsorbents and remove residue from the area and contain in approved containers for proper disposal.

#### 6.4. Reference to Other Sections

### SECTION 7: HANDLING AND STORAGE

#### 7.1. Precautions for Safe Handling

**Additional Hazards When Processed:** Avoid contact with eyes. Avoid repeated contact with skin. Avoid breathing of vapors, if any. Do not use sodium nitrite or other nitrosating agents in formulations containing this material. Suspected cancer causing nitroamines could be formed.

**Hygiene Measures:** Always wash skin after contact. Wash clothing before re-use.

#### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Product is stable.

**Storage Conditions:** Store adhesives in a well ventilated area. Do not store near acids. Do not store in reactive metal containers.

**Incompatible Products:** strong acids.

**Storage Temperature:** 65 degrees F – 95 degrees F

#### 7.3. Specific End Use(s) Adhesive for the installation of various flooring materials.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control Parameters

#### 8.2. Exposure Controls (During installation until fully cured):

**Appropriate Engineering Controls** : Use local exhaust. Do not use closed air-circulating. Open windows and doors if necessary.

**Personal Protective Equipment** : Avoid all unnecessary exposure

**Materials for Protective Clothing** : Non porous material

**Hand Protection** : Wear chemical resistant gloves

**Eye Protection** : Chemical goggles or safety glasses

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<b>Skin and Body Protection</b>	: Use clothing to prevent skin and body contact
<b>Respiratory Protection</b>	: NIOSH respirator if needed
<b>Environmental Exposure Controls</b>	: None needed
<b>Consumer Exposure Controls</b>	: Maintain proper ventilation, use protective equipment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

<b>Physical State</b>	: Soft paste
<b>Appearance</b>	: amber
<b>Odor</b>	: Amine, irritating
<b>Odor Threshold</b>	: no data available
<b>pH not determined</b>	: not determined
<b>Evaporation Rate</b>	: low
<b>Melting Point</b>	: not applicable
<b>Freezing Point</b>	: not determined
<b>Boiling Point</b>	: > 400 degrees F.
<b>Flash Point</b>	: 195 degrees C
<b>Auto-ignition Temperature</b>	: not determined
<b>Decomposition Temperature</b>	: not known
<b>Flammability (solid, gas)</b>	: will burn
<b>Vapor Pressure</b>	: < 10.34 mm Hg at 21 degrees C
<b>Relative Vapor Density at 20 °C</b>	: Not determined
<b>Relative Density</b>	: 11.49 – 12.20 lbs. per gallon
<b>Specific Gravity</b>	: 1.38 – 1.46 g/cc
<b>Specific gravity / density</b>	: 1.42 g/cc , 11.85 lbs. per gallon
<b>Solubility</b>	: Miscible in water
<b>Partition Coefficient: N-Octanol/Water</b>	: Data not available
<b>Viscosity</b>	: 125,000 – 175,000 cps
<b>Lower Flammable Limit</b>	: Not determined
<b>Upper Flammable Limit</b>	: Not determined

### 9.2. Other Information

**VOC content** : 0 grams per liter

## SECTION 10: STABILITY AND REACTIVITY

- 10.1. **Reactivity:** stable
- 10.2. **Chemical Stability:** stable
- 10.3. **Possibility of Hazardous Reactions:** none
- 10.4. **Conditions to Avoid:** extreme temperature conditions. Keep from freezing.
- 10.5. **Incompatible Materials:** strong oxidizing agents
- 10.6. **Hazardous Decomposition Products:** carbon dioxides, carbon monoxides, aldehydes.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information On Toxicological Effects

**Acute Toxicity:** (Rat) > 2,000 mg per kg (ingestion)  
**Skin Corrosion/Irritation:** (Rabbit) 8550 mg / kg  
**Serious Eye Damage/Irritation:** Eye irritation  
**Respiratory or Skin Sensitization:** Moderate skin irritation / sensitization  
**Germ Cell Mutagenicity:** not known  
**Carcinogenicity:** not considered as carcinogen based on IARC, ACGIH, NTP and or OSHA  
**Reproductive Toxicity:** not known  
**Specific Target Organ Toxicity (Single Exposure):** not known  
**Specific Target Organ Toxicity (Repeated Exposure):** not known  
**Aspiration Hazard:** none if product is handled / used where it is intended.  
**Symptoms/Injuries After Inhalation:** might cause headache, nausea  
**Symptoms/Injuries After Skin Contact:** might cause slight irritation  
**Symptoms/Injuries After Eye Contact:** might cause irritation  
**Symptoms/Injuries After Ingestion:** might cause gastro intestinal disorders  
**Chronic Symptoms:** none known

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## SECTION 12: ECOLOGICAL INFORMATION

**12.1. Toxicity:** No data available. Prevent entry into waterways

**12.2. Persistence and Degradability:** Material is organic

<b>Persistence and Degradability</b>	
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**12.3. Bioaccumulative Potential**

No data available

**12.4. Mobility in Soil**

Not applicable - Material is viscous liquid material (soft solid)

**12.5. Other Adverse Effects**

not known

Other Information :

## SECTION 13: DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods**

**Sewage Disposal Recommendations:** Avoid release to the environment

**Waste Disposal Recommendations:** Dispose in a safe manner in accordance to local/ national regulations. Dispose of contents in appropriate containers.

**Additional Information:**

## SECTION 14: TRANSPORT INFORMATION

**14.1. In Accordance with DOT**

Proper Shipping Name : Not Regulated

Hazard Class :

Identification Number :

Label Codes :

Packing Group :

ERG Number :

**14.2. In Accordance with IMDG**

Proper Shipping Name : Not Regulated

Hazard Class :

Identification Number :

Packing Group :

Label Codes :

EmS-No. (Fire) :

EmS-No. (Spillage) :

MFAG Number :

**14.3. In Accordance with IATA**

Proper Shipping Name : Not Regulated

Packing Group :

Identification Number :

Hazard Class :

Label Codes :

ERG Code (IATA) :

## SECTION 15: REGULATORY INFORMATION

**15.1 US Federal Regulations**

All Components of this product are either listed or exempt in the EPA TSCA list

EPA SARA Title III Section 313: None

SARA Title III Section 312 Hazard Class: None

OSHA Hazard Communication Standard (29 CFR1910.1200) Hazard Class(es): None

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## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date** : April 20, 2017 (Clarification of information in Sections 8, 13, & 14)  
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**GHS Full Text Phrases:**


*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

SDS US (GHS HazCom)