SECTION 1: IDENTIFICATION

1.1. Product Identifier
Product Form: Viscous Aqueous Paste
Product Name: MGfleece Ultra Premium Commercial Carpet Tile Adhesive

1.2. Intended Use of the Product
Use of the substance/mixture: installation of carpet tile over porous and non-porous subfloors.

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
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<tr>
<td>Water</td>
<td>7732-18-5</td>
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3.2. Mixture

<table>
<thead>
<tr>
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<th>Classification (GHS-US)</th>
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<td>Acrylic CoPolymer</td>
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<tr>
<td>Resin- Rosin Ester</td>
<td>Mixture</td>
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Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures
First-aid Measures General: Never give anything by mouth to unconscious person. If you feel unwell, seek medical advice.
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 water. 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 15 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:
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

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed
SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media
Suitable Extinguishing Media: None required. Product is a water based material. Product will burn in a dry state. If needed use foam, dry powder, carbon dioxide, water spray, sand.

Unsuitable Extinguishing Media: Do not use heavy water stream.

5.2. Special Hazards Arising From the Substance or Mixture
Fire Hazard: None
Explosion Hazard: None
Reactivity: Not reactive

5.3. Advice for Firefighters
Precautionary Measures Fire: Product is water based material. Will not ignite in the presence of fire. Product will burn on a dry state.

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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures
General Measures: Always wear 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.


6.1.2. For Emergency Responders
Protective Equipment: Always wear 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 and scrape 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.

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.

Incompatible Products: strong bases and strong acids.

Storage Temperature: 65 degrees F – 95 degrees F

7.3. Specific End Use(s) Adhesive for the installation of vinyl backed flooring.

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

Skin and Body Protection: Use clothing to prevent skin and body contact

Respiratory Protection: Not necessary. NIOSH respirator if needed

Environmental Exposure Controls: None needed

Consumer Exposure Controls: Maintain proper ventilation, use protective equipment.
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State: Viscous liquid material
Appearance: Light yellow paste
Odor: mild
Odor Threshold: no data available
pH: 9 – 9.5
Evaporation Rate: low
Melting Point: not applicable
Freezing Point: relatively same as water
Boiling Point: relatively same as water
Flash Point: none
Auto-ignition Temperature: not applicable
Decomposition Temperature: not known
Flammability (solid, gas): not flammable but will burn in dry state
Vapor Pressure: Same as water
Relative Vapor Density at 20 °C: Same as water
Relative Density: 7.75 – 8.25 lbs per gallon
Specific Gravity: 0.93 – 0.99 g/cc
Specific gravity / density: 0.96 g/cc, 8.0 lbs per gallon
Solubility: Miscible in water
Partition Coefficient: N-Octanol/Water: Data not available
VOC content: 14 grams per liter less water, less exempt solvents

9.2. Other Information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: stable
10.2. Chemical Stability: stable
10.3. Possibility of Hazardous Reactions: none
10.5. Incompatible Materials: strong acids and bases

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects
Acute Toxicity: not known
Skin Corrosion/Irritation: not classified, pH
Serious Eye Damage/Irritation: not classified, pH
Respiratory or Skin Sensitization: not classified
Germ Cell Mutagenicity: not considered as mutagen
Carcinogenicity: not considered as carcinogen
Reproductive Toxicity: not considered as reproductive toxin
Specific Target Organ Toxicity (Single Exposure): none
Specific Target Organ Toxicity (Repeated Exposure): none
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 gastrointestinal disorders
Chronic Symptoms: none known
SECTION 12: ECOLOGICAL INFORMATION

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

12.2. Persistence and Degradability: Material is organic

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

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 with local/ national regulations. Dispose of contents in appropriate containers.

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

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<th>Revision Date</th>
<th>: August 12, 2016</th>
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<td>Other Information</td>
<td>: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.</td>
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**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)