SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: MT-711

Chemical Name: Water-based adhesive

Product Use/Class: Pressure sensitive 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: March 27, 2009
Supercedes Date: New
Reason for Revision: N/A

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Weight %</th>
<th>Exposure Guidelines</th>
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<tbody>
<tr>
<td></td>
<td></td>
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<td>ACGIH - TLV</td>
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<td>TWA</td>
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<tr>
<td>Proprietary</td>
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</table>

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Form: Viscous liquid
Color: White
Odor: Low odor

WARNING STATEMENTS
Keep out of reach of children. For professional use only.
POTENTIAL HEALTH EFFECTS

Primary Routes of Exposure
- Eye Contact: May cause eye irritation.
- Skin Contact: Prolonged exposure may irritate skin.
- Inhalation: No known effects.
- Ingestion: May cause irritation.
- Chronic: No known effects.
- Other: None known.

Refer to Section 11 for toxicological information.

SECTION 4 - FIRST AID MEASURES

If in Eyes: Immediately flush eyes with water for 10-15 minutes. See a doctor if irritation persists.
If on Skin: Wash with soap and water.
If Inhaled: If symptomatic, move to fresh air.
If Swallowed: Seek medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: > 212 deg. F. (non-flammable)
Lower Explosive Limit (LEL) %: Not established.
Upper Explosive Limit (UEL) %: Not established.
Auto-Ignition Temperature: Non-flammable in liquid state.
OSHA Flammability Classification: Non-flammable.
Hazardous Products of Combustion: Normal COx decomposition products.
Extinguishing Media: Water, CO2, dry chemical.
Unusual Fire and Explosion Hazards: None.
Fire Fighting Equipment: Wear full firefighting protective clothing and self-contained breathing apparatus.
Miscellaneous Advice: Use water fog to cool containers exposed to extreme heat.

Refer to Section 10 for additional information.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use protective clothing and impervious gloves when cleaning up spills.
Methods for Clean-up: Recover as much as possible and wash floor afterwards with water.
Smaller spills may be wiped up or absorbed onto inert material and handled as solid waste.

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. Remove contaminated clothing.
Storage: Store inside between 60 – 100 deg. F. Protect from freezing.
Consult the Mannington Professional Installation Handbook for additional information on handling and storage.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: None known.
Respiratory Protection: None required with adequate ventilation.
Eye Protection: Safety glasses recommended.
Hand and Skin Protection: Avoid contact with skin when handling adhesive.
Other Protective Equipment: Wear protective clothing to avoid skin contact.

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: White, viscous liquid
Water Solubility: insoluble (dispersible)
Physical State: Liquid, paste
Melting Point: Not applicable
Boiling Point: 212 deg. F.
Density: 8.2 lbs./gallon
Vapor Density: Same as water
Vapor Pressure: Same as water
VOC (Grams Per Liter): none (calculated)
Evaporation Rate: Same as water
pH: 7.5 – 8.5
Specific Gravity: 0.98 (Water = 1.0)
Decomposition Temperature: Not established.

SECTION 10 - STABILITY AND REACTIVITY

Conditions to Avoid: Excessive heat or cold.
Materials to Avoid: None known.
Stability: Stable.
Hazardous Reactions: None known.
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: Normal decomposition products (CO, CO2).

SECTION 11 - TOXICOLOGICAL INFORMATION

Product LD50 (Oral): Not established.
Product LD50 (Dermal): Not established.
Product LC50: Not established.
Immediate (Acute) Effects: None known.
Delayed (Subchronic & Chronic) Effects: None known.
SECTION 12 - ECOLOGICAL INFORMATION

No information available for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

US EPA RCRA Status: Does not meet RCRA’s characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33.
Disposal Considerations: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.
Disposal Method: Transfer liquids and solid diking or absorbent materials in separate containers for recovery or disposal.
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 for transport.
DOT Hazard Class: Unregulated.
DOT UN/NA Number: Unregulated.
Packing Group: Unregulated.
Other: None.

SECTION 15 - REGULATORY INFORMATION

U.S. Federal Regulations:
SARA Section 313: To the best of our knowledge, this product does not contain any substance(s) above the deminimus level which require reporting under this statute.

Toxic Substances Control Act: All components of this product appear on the Inventory of Chemical Substances published by the U.S. Environmental Protection Agency (EPA) under the authority of the Toxic Substances Control Act (TSCA).

Inventory Status: Components are TSCA Inventory listed.
Export Notification: Not known.
Other:
SECTION 16 - OTHER INFORMATION

<table>
<thead>
<tr>
<th>Hazard Ratings</th>
<th>Health</th>
<th>Fire</th>
<th>Reactivity</th>
<th>Additional Information</th>
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<td>0</td>
<td>Personal Protection - B</td>
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<tr>
<td>Suggested HMIS Rating</td>
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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
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