

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Mannington Commercial Quantum Guard HP Seam Coating Marker

Chemical Name: Acrylic Sealer

Product Use/Class: Clear Finish Marker

Company Information: Mannington Mills, Inc.
P.O. Box 30 - Route 45
75 Mannington Mills Road
Salem, New Jersey 08079 U.S.A.

Phone Numbers: General: (856) 935-3000
Product Emergency: (866) 359-5602
Transport Emergency Contact:
Within the U.S. - CHEMTREC: (800) 424-9300
Outside the U.S. - CHEMTREC: +1-703-527-3887

Effective Date: June 1, 2011 **Supersedes Date:** N/A

Reason for Revision: New

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %	Exposure Guidelines				
			ACGIH - TLV		OSHA - PEL		Other
			TWA	STEL	TWA	Ceiling	
Water	7732-18-5	50 - 70					
Acrylic resin	Proprietary	< 20					
Dipropylene glycolether	34590-94-8, 29911-28-2	< 20					
Propylene glycol	57-55-6	< 10					
Wax & other additives	Proprietary	< 10					

This product contains no carcinogens or potential carcinogens as listed by IARC or NTP.

SECTION 3 - HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

Form: Liquid that is contained in a marker pen

Color: Cloudy to slightly translucent liquid

Odor: Faint acrylic odor

WARNING STATEMENTS

Causes lung, eye and skin irritation.

May be harmful if absorbed through skin.

Vapor harmful.

POTENTIAL HEALTH EFFECTS

Primary Routes of Exposure

Eye Contact: Product may cause eye irritation; signs and symptoms may include a burning sensation, redness, tearing, inflammation, blurred vision, and/or possible transient corneal injury.

Skin Contact: Product may cause skin irritation; signs and symptoms may include drying, cracking, sensitization, reddening, discoloration, blistering and/or swelling.

Inhalation: If inhaled, product may cause severe irritation or damage (including but not limited to burns, scarring, and ulcerization) to respiratory tract and central nervous system. Signs and symptoms may include weakness, headache, drowsiness, dizziness, swelling, abdominal discomfort, burning sensation, shock or collapse, convulsions, breathing difficulties, nasal perforation, ulceration, heart damage, blindness, bleeding and/or death.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents, with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this product may be harmful or fatal.

Ingestion: If ingested, product may cause irritation of mouth, throat, stomach, and digestive and central nervous systems; signs and symptoms may include headache, drowsiness, dizziness, swelling, abdominal discomfort, and/or burning sensation.

Chronic:

Other:

Refer to Section 11 for toxicological information.

SECTION 4 - FIRST AID MEASURES

If in Eyes: If exposure occurs, flush the affected eye for at least 20 minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical attention immediately after flushing.

If on Skin: If exposure occurs, flush the affected area thoroughly with water for at least 15 minutes. Destroy contaminated clothing and shoes. Seek medical attention immediately.

If Inhaled: Remove victim to fresh air. If not breathing, administer CPR until help arrives or until victim is able to breathe on own. If breathing is difficult, give oxygen. Seek medical attention immediately.

If Swallowed: Do not induce vomiting. Dilute with water or milk. Never give fluids if the victim is unconscious or having convulsions. Seek medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: >140 °F.; C.O.C.

Lower Explosive Limit (LEL) %: Not known

Upper Explosive Limit (UEL) %: Not known

Auto-Ignition Temperature: Not known

OSHA Flammability Classification: Not determined.

Hazardous Products of Combustion: Combustion may produce carbon monoxide, carbon dioxide, and irritating or toxic vapors and gases.

Extinguishing Media: This product is not expected to burn under normal conditions of use.

Unusual Fire and Explosion Hazards: Evacuate all persons from the fire area to a safe location. Move non-burning material, as feasible, to a safe location as soon as possible. Fire fighters should be protected from potential explosion hazards while extinguishing the fire. Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use. Containers of this material may build up pressure if exposed to heat (fire). Use water spray to cool fire-exposed containers. Use water spray to disperse vapors if a spill or leak has not ignited. DO NOT extinguish a fire resulting from the flow of flammable liquid until the flow of the liquid is effectively shut off. This precaution will help prevent the accumulation of an explosive vapor-air mixture after the initial fire is extinguished.

Fire Fighting Equipment:

Miscellaneous Advice:

Refer to Section 10 for additional information.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Methods for Clean-up: Follow personal protective equipment recommendations found in Section 8. Personal protection needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill, including the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Do not allow the spilled product to enter public drainage systems or open waterways.

Refer to Section 13 for disposal information.

Refer to Sections 14 and 15 for reportable quantity information.

SECTION 7 - HANDLING AND STORAGE

Handling: It is good practice to avoid contact with the product and/or its vapor, mists or dust by using appropriate protective measures. Wash thoroughly after handling and before eating or drinking. Empty containers (marking pens) may retain product residue or vapor. Do not pressurize, cut, or expose container to heat or other sources of ignition.

Storage: Keep containers (marker pens) closed when not in use. Store in cool well ventilated space.

Consult the Mannington Professional Installation Handbook or the Mannington website at www.mannington.com for additional information on handling and storage.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use adequate ventilation to maintain airborne concentrations at levels below permissible or recommended occupational exposure limits.

Respiratory Protection: Not normally required; but if certain circumstances would arise where permissible exposure limits might be exceeded, use an air-purifying respirator with the appropriate cartridge, while using the product.

Eye Protection: Wear chemical-resistant glasses and/or goggles when eye and face contact are possible due to splashing or spraying of material.

Hand and Skin Protection: Wear chemical-resistant gloves if concerned with pen leakage or anticipated contact with the liquid material.

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

Appearance: Cloudy or slightly translucent liquid

Physical State: Liquid

Melting Point: Not determined

Boiling Point: Not determined

Density:

Vapor Density: Not determined

Specific Gravity: 1.02 (Water = 1.0)

Water Solubility: Miscible

Volatiles (Wt. %): Nom. 73 %

Volatiles (g/l): 246.4

Vapor Pressure: Not determined

Evaporation Rate: Slower than ether

pH: Not determined

Decomposition Temperature:

SECTION 10 - STABILITY AND REACTIVITY

Conditions to Avoid: Keep away from heat, sparks and flames.

Materials to Avoid:

Stability: Stable under normal conditions. Contains Non-Photochemically Reactive Solvent.

Hazardous Reactions:

Hazardous Polymerization: Stable under normal conditions.

Hazardous Decomposition Products: Combustion may produce carbon monoxide, carbon dioxide, and irritating or toxic vapors and gases.

SECTION 11 - TOXICOLOGICAL INFORMATION

Product LD50 (Oral):

Product LD50 (Dermal):

Product LC50:

Immediate (Acute) Effects:

Delayed (Subchronic & Chronic) Effects:

SECTION 12 - ECOLOGICAL INFORMATION

Ecological evaluation of this material has not been performed; however, do not allow the product to be released to the environment.

SECTION 13 - DISPOSAL CONSIDERATIONS

US EPA RCRA Status:

Disposal Considerations: Waste from this material may be a listed and/or characteristic hazardous waste. Dispose of material, contaminated absorbent, container and unused contents in accordance with local, state, and federal regulations.

Disposal Method:

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.

Per 49 CFR 100-185, this material is not classified as a Hazardous Material and is not regulated.

U.S. DOT: Not Regulated

IMDG: Not Regulated

IATA: Follow current IATA regulations and your carrier's requirements.

SECTION 15 - REGULATORY INFORMATION

U.S. Federal Regulations: N.A.

SARA Section 313: None

Toxic Substances Control Act: N.A.

Inventory Status: N.A.

Export Notification: N.A.

Other:

WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects, or other 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	S - Skin
N.A. - Not Available	ppm - Parts per Million
N/A - Not Applicable	° F. - Degrees Fahrenheit
C - Ceiling (Exposure Levels)	° C. - Degrees Centigrade
PEL - Permissible Exposure Limits	STEL - Short-Term Exposure Limit
OEL - Occupational Exposure Limit	CIH - Certified Industrial Hygienist
TSCA - Toxic Substances Control Act	
TLV - Exposure limits developed by ACCIH	
NFPA - National Fire Protection Association	
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	
MSHA - Mine Safety and Health Adm TWA - Time Weighted Average	
CERCLA - Comprehensive Environmental Response, Comprehensive and Liability Act	