

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: Marykate® Ultra Vinyl Protectant
Product Number (s): MK7017

Manufactured By: CRC Industries, Inc. (215) 674-4300
885 Louis Drive, Warminster, PA 18974
24-Hour Emergency Information: CHEMTREC (800) 424-9300

Section 2: Composition/Information on Ingredients

Component	CAS NUMBER	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
-----------	---------------	--------------	-------------	-----------------	---

No reportable quantities of hazardous ingredients are present

Section 3: Hazards Identification

Emergency Overview

Appearance & Odor: White emulsion, no odor.

Potential Health Effects:

Inhalation: High concentrations may cause kidney and liver damage, dizziness, nausea, and vomiting.
Eyes: Slight eye irritant.
Skin: Drying of skin.
Ingestion: Not a primary route of exposure for aerosols.

Carcinogenicity: OSHA: No IARC: No NTP: No

Chronic Overexposure: Contact with eyes can cause corneal damage. Extended overexposure can cause kidney/liver damage, dizziness, headaches, nausea, vomiting.

Medical Conditions Aggravated by Exposure: May aggravate existing conditions of dermatitis and/or liver or kidney disorders.

Section 4: First Aid Measures

Inhalation: Remove to fresh air. Contact physician if breathing becomes difficult or condition persists.

Eyes: Flush with large amounts of water for 15 minutes. Contact physician if irritation persists.

Skin: Remove contaminated clothing and wash area with soap and water.

Ingestion: Do not induce vomiting. Drink large quantities of water or milk. Contact physician or poison control center immediately.

Section 5: Fire-Fighting Measures

Flashpoint: None Method: Seta Flash LEL: NA UEL: NA
 Extinguishing Media: CO₂, Dry Chemical, Foam, Water Fog
 Hazardous Combustion Products:
 Fire-fighting Instructions: Spray water on cartons involved in fire to keep them from igniting. Wear self-contained breathing apparatus due to the possible toxic fumes from plastic containers and on the vaporization of potentially harmful chemicals. Area will become slippery is material is released.

NFPA:	Health:	1	Flammability:	0	Reactivity:	0	
HMIS:	Health:	1	Flammability:	0	Reactivity:	0	PPE:

Section 6: Accidental Release Measures

Spill/Leak Procedures: Usually not a problem with aerosols. Area should be ventilated. Absorbent should be used to pick up excess material. All used and unused product should be disposed of in accordance with federal, state and local regulations.

Section 7: Handling and Storage

Handling Procedures: Store in a cool, dry area. Aerosol cans must be maintained below 120oF to prevent cans from exploding.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Adequate to prevent accumulation of vapors. Use mechanical means if necessary to maintain levels below the exposure limits. If working in a confined space, follow applicable OSHA regulations.

Respiratory: Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus above exposure limits. Follow OSHA regulations 29 CFR 1910.134.

Protective Clothing/Equipment: Wear chemically protective gloves and safety glasses. Use a splash apron and boots if splashing occurs.

Section 9: Physical & Chemical Properties

Physical State:	Liquid	Appearance & Odor:	White emulsion, no odor.
Specific Gravity:	1.00	Boiling Point:	210°F
Freezing Point:	ND	Vapor Pressure:	ND
Evaporation Rate:	Slower than water	Vapor Density (air = 1)	> 1
pH:	7.0-8.0	Solubility:	Completely

Volatile Organic Compounds%:	ND	g/L:	ND	lbs./gal:	ND
------------------------------	----	------	----	-----------	----

Section 10: Stability and Reactivity

Stability:	Stable	Hazardous Polymerization:	No
Chemical Incompatibilities:	None known.		
Materials to Avoid:	Acids and/or oxidizers. Avoid extreme heat or freezing temperatures.		
Hazardous Decomposition Products:	Nitrogen, Carbon dioxide, Carbon monoxide		

Section 11: Toxicological Information

Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure and carcinogenicity information.

Section 12: Ecological Information

Ecotoxicity: No data available.
Environmental Fate: No data available for biodegradation.

Section 13: Disposal Considerations

Disposal: This material if discarded may be hazardous waste under U.S. EPA RCRA regulations. All disposal activities must comply with federal, state and local regulations. Contact your local or state environmental agency for specific rules. Do not dump into sewers, on the ground or into any body of water.

Section 14: Transportation Information

Shipping Name:
Hazard Class: NA UN Number: NA Packing Group: NA
Label: NA Placard: NA
Special Provisions: NA

Section 15: Regulatory Information

TSCA: All components are either listed under TSCA or are exempt.
SARA Title III: Section 311/312: No
Section 313*: No
CERCLA/Superfund (RQ): NA
Extremely Hazardous Substances: No
California Prop 65: No
* See section 2 for percentage

Section 16: Additional Information

Prepared By: Adam M. Selisker Date: October 9, 2001
Technical Information: (800) 521-3168 CRC #: MK7017
This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

CAS:	Chemical Abstract Service	NA:	Not Applicable
ppm:	Parts per Million	ND:	Not Determined
TCC:	Tag Closed Cup	NE:	Not Established
LEL:	Lower Explosive Limit	g/L:	grams per Liter
UEL:	Upper Explosive Limit	lbs./gal:	pounds per gallon
PPE:	Personal Protection Equipment	RQ:	Reportable Quantity