

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: Marykate® Fabric Waterproofer

Product Number (s): MK6310

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	%
Heptane	142-82-5	400 ppm	500 ppm	NE	70 - 80
Solvent-based fabric protector	proprietary blend	NE	NE	NE	< 5
Hydrocarbon propellant	68476-86-8	NE	NE	NE	20 - 30

Section 3: Hazards Identification

Emergency Overview

Appearance & Odor: Clear liquid, light hydrocarbon odor

DANGER: Extremely flammable. Vapor harmful. Contents under pressure. Eye and skin irritant.

Potential Health Effects:

- Inhalation:** Breathing small amounts is not likely to cause harmful effects. Breathing large amounts may cause central nervous system depression including dizziness, weakness, headache nausea, and loss of coordination.
- Eyes:** Mild irritation, stinging, tearing, redness
- Skin:** Mild irritation, redness, burning and drying or cracking of the skin
- Ingestion:** Swallowing small amounts is not likely to cause harmful effects. Swallowing large amounts may cause gastrointestinal discomfort and throat irritation. If this material aspires into the lungs during swallowing or vomiting, this can result in lung inflammation and other lung injury.

Carcinogenicity: OSHA: No IARC: No NTP: No

Chronic Overexposure: Excessive inhalation of this product may lead to severe irritation of the nose, throat and airways, irregular heartbeat and loss of consciousness.

Medical Conditions Aggravated by Exposure: None known.

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: Wash area with soap and water and rinse thoroughly.

Ingestion: Do not induce vomiting unless told to do so by a physician. Contact a physician or poison control center for assistance.

Section 5: Fire-Fighting Measures

Flashpoint: < 20 °F Method: TCC LEL: 1.1 UEL: 6.7

Extinguishing Media: CO₂, Dry Chemical, Foam

Hazardous Combustion Products: Oxides of carbon

Fire-fighting Instructions: Full protective equipment including self-contained breathing apparatus and chemical resistant personal protective equipment should be used.

NFPA: Health: 1 Flammability: 3 Reactivity: 0
HMIS: Health: 1 Flammability: 3 Reactivity: 0 PPE: B

Section 6: Accidental Release Measures

Spill/Leak Procedures: Eliminate all sources of ignition. Area should be ventilated. Dyke area to contain spill. 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: Wash hands after using product. Do not use near heat, flames or other sources of ignition.

Storage Procedures: Store in a cool, dry area. Keep out of reach of children!

Aerosol Storage Level: III

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Provide local and continuous ventilation 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: Clear, light hydrocarbon odor.

Product Name: Marykate® Fabric Waterproofer**Product Number (s): MK6310**

Specific Gravity:	.696 @ 60°F	Boiling Point:	200°F
Freezing Point:	-132 F	Vapor Pressure:	40 mmHg @ 68°F
Evaporation Rate:	2.8	Vapor Density (air = 1)	3.5
(butyl acetate = 1)			
pH:	ND	Solubility:	Negligible
Volatile Organic Compounds:%:	99.71	g/L: 694	lbs./gal: 5.79

Section 10: Stability and Reactivity

Stability:	Stable	Hazardous Polymerization:	No
Chemical Incompatibilities:	Strong oxidizing agents		
Conditions to Avoid:	Eliminate all potential sources of ignition		
Hazardous Decomposition Products:	Carbon dioxide/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:	Consumer Commodity		
Hazard Class:	ORM-D	UN Number:	NA
Label:	NA	Placard:	NA
Special Provisions:	NA	Packing Group:	NA

Section 15: Regulatory Information

TSCA:	All components are either listed under TSCA or are exempt.		
SARA Title III:	Section 311/312:	Acute, Chronic, Fire, Pressure	
	Section 313*:	None	
CERCLA/Superfund (RQ):		None	
Extremely Hazardous Substances:		None	
California Prop 65:	This product may contain the following substances known to		

the state of California to cause cancer, birth defects or other reproductive harm: benzene (trace), toluene (trace)

* See section 2 for percentage

Section 16: Additional Information

Prepared By: Michelle Milburn Date: December 10, 2004

Technical Information: (800) 521-3168 CRC #: 444

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