DUR-A-FLEX® Inc.

95 Goodwin Street, East Hartford, CT., 06108 (860) 528-9838

Material Safety Data Sheet

Date Prepared 9/1/2008

HAZARD RATING	
Health	2
Flammability	3
Reactivity	2
Personal Protection	G

0 = Least
1 = Slight
2 = Moderate
3 = High
4 = Extreme

SECTION I - IDENTIFICATION

IDENTITY (As Used on Label) Cryl-A-Prime P101/ Bio-Pruf®

COMMON NAME: Acrylate polymers dissolved in methacrylate monomers

SECTION II - PRODUCT COMPONENTS

	CAS.#	OSHA PEL	ACGIH TLV
Methyl Methacrylate	80-62-6	100 ppm	100 ppm
Dimethyl-p-Toluidine	99-97-8	N.E.[1]	N.E.
Triethylene Glycol Dimethacrylate	109-16-0	N.E.	N.E.
Acrylic polymer	proprietary	100 ppm	100 ppm

[1] N.E. = None Established

Warning: This material is highly flammable. Direct contact can cause severe irritation to the eyes, skin and respiratory tract. Inhalation and skin contact can cause an allergic sensitization. Inhalation of high vapor concentrations can cause headache, nausea, drowsiness and unconsciousness.

T.S.C.A. Status - O.K. on all above components.

FOR SPILL, LEAK, FIRE, OR ACCIDENT, CALL CHEMTREC 24-HOUR EMERGENCY NUMBER 1-800-424-9300

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point ^{0}F	212 (MMA)	Specific Gravity (H_2O = 1)	approx. 1
Vapor Pressure (mm Hg)	30 (MMA)	Melting Point	N/A
Vapor Density (AIR = 1)	>1 (MMA)	Evaporation rate (Butyl Acetate = 1)	>1

Volatile Organic Compounds (VOC) = Zero grams/liter

Solubility in Water: 16 g/l (MMA)

Appearance and Odor: Low viscosity, Moderately turbid fluid with a sweet ester odor

SECTION IV - FIRE and EXPLOSION HAZARD DATA

Flash Point (Closed Cup Method)	Flammable Limits	LEL	UEL
50 ^{0}F		2.10%	12.50%

Extinguishing Media: Use water mist, CO_2, foam, dry powder or cover with sand

Special Firefighting Procedures

Evacuate enclosed and surrounding areas. If smoke and fumes cannot be avoided, use proximity suit and self-contained breathing apparatus. Use water spray to cool containers and disperse vapors. Keep spills away from sources of ignition.

Unusual Fire and Explosion Hazards

Vapor is heavier then air and forms explosive mixture with air. Never use welding or cutting torch on or near containers or drums (even when empty). Product residue or vapor in drum or container can ignite explosively.

SECTION V - REACTIVITY DATA

Stability			Conditions to Avoid
	Unstable		
	Stable	X	Keep containers closed when not in use.

Incompatibility (Materials to Avoid): Reducing agents, Oxidizing agents, solid polymeric particles

Hazardous Decomposition or Byproducts: Thermal decomposition may yield water, oxides of carbon, and acid fumes

Hazardous Polymerization			Conditions to Avoid:
	May Occur	X	High temperatures, oxygen-free atomospheres, or contaminated
	Will Not Occur		areas. Avoid contact with peroxides, azocompounds and redox systems.

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	YES	YES	YES

Signs and Symptoms of Exposure: Irritation of skin.

Health Hazards (Acute and Chronic)

ACUTE - Irritation of skin and dermatitis.

CHRONIC - Inhalation and skin contact can lead to an allergic respiratory sensitization. Persons may experience rapid irritation of skin upon exposure.

Persons with lung disorders or who are sensitized should not use this product.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	NO	NO	NO

Medical Conditions Generally Aggravated by Exposure

Conjunctivitis of the eye, dermatitis of the skin, asthma and respiratory diseases.

Emergency and First Aid Procedures

EYES - Flush with water, holding lids open for 15 minutes or more. Call physician for advice if necessary.

SKIN - PROMPTLY wash with soap and water. DO NOT wash with solvents. Seek medical advice if irritation develops or persists.

INHALATION - May cause burns to the respiratory tract. Move person to fresh area if effects occur. If needed, give oxygen or artificial respiration to improve breathing . Consult physician.

INGESTION - Expected to be slightly toxic by ingestion. May cause burns to the gastrointestinal tract.If swallowed, induce vomiting immediately as directed by a physcian.Get medical attention immediately.

Never give liquids to an unconscious or convulsing person.

SECTION VII - CONTROL MEASURES

Respiratory Protection (Specify Type): Atmospheric levels should be maintained below the exposure limits listed in section II by using engineering controls. Provide adequate exhaust ventilation and/or NIOSH approved cartridge respirator.

Ventilation				
	Local Exhaust	If needed.	Special	None known.
	Mechanical	Adequate exhaust ventilation must exhaust AWAY from applicator.		

Protective Gloves: Natural rubber or Neoprene. Eye Protection: Splash goggles or face shield.

Other Protective Clothing or Equipment:

Use rubber apron, face shield and appropriate clothing to prevent contact with skin. Launder contaminated clothing before reuse. Discard contaminated leather shoes and canvas sneakers. Protective skin creams help cleaning with soap and water, gloves must still be worn. An eye wash station or an adequate supply of clean water must be available at work area.

Work/Hygienic Practices: Establish good personal hygiene and work practices. Always wash hands and facebefor eating, drinking or smoking.

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Wear protective equipment to prevent exposure. Stop spill and dike with sand or earth to prevent spreading. Avoid ignition sources. Absorb with sand or other non-flammable absorbent material and transfer to approved DOT drum for recovery or disposal. CERCLA/SARA requires notification of the appropriate Federal, State and Local authorities of releases of hazardous or extremely hazardous quantities equal to or greater then the reportable quantities (RQs) 40 CFR 302.4 and 40 CFR 355. SARA Title 313 requires submission of annual reports of releases of toxic chemicals that appear in 40 CFR 372. Components present in this product at a level which could require reporting are listed in section XII.

Waste Disposal Method:This material is a hazardous waste (as per RCRA) because of its ignitability. Disposal should be conducted by an EPA or (RCRA) permitted Facility. CERCLA Reporting: Methyl Methacrylate (MMA) RQ=1000# SARA Title 313 reporting MMA

Precautions to be Taken in Handling and Storing:

Store in cool,dry,well-ventilated area away from sources of ignition. Keep containers tightly closed when not in use.

Other Precautions: DO NOT THIN THIS PRODUCT

Prepared By: Samet Dy - Chemist

PLEASE NOTE "The above information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, Dur-A-Flex, Inc. MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. User should satisfy himself that he has all current data relevant to his particular use."