



SuperFlex / DuraFlex LIQUID

MATERIAL SAFETY DATA SHEET

ORIGINAL DATE 02/10/95

REVISION DATE 10/01/97

MANUFACTURER: GrailCoat WorldWide
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SECTION 1 - PRODUCT INFORMATION

TRADE NAME: **GrailCoat** SUPER-FLEX GFL-UL94 ACRYLIC POLYMER DISPERSION
PRODUCT ID: DJG9393
COMMON CHEMICAL NAME: ACRYLATE
CHEMICAL FAMILY: POLYMER DISPERSION

SECTION 2 - INGREDIENTS

CHEMICAL NAME: AMOUNT

Polymer 56.0 - 58.0 %
PEL/TLV NOT ESTABLISHED
Water 42.0 - 44.0 %
PEL/Th NOT ESTABLISHED
Styrene < 100.0 ppm
ACGIH TLV STEL 100 PPM
TWA 50 PPM
OSHA PEL CEIL 200 PPM
STEL 600 PPM
TWA 1 00 PPM
2- Propenoic Acid BUTYL E
ACGIH TLV TWA 10 PPM< 100.0 ppm

SECTION 3 - PHYSICAL PROPERTIES

Color: Milky White
Form/Appearance: Aqueous Dispersion
Odor: Ester
Odor Intensity: Slight
Typical Low/High U.O.M.

Specific Gravity: 1.03 @ 68 DEG
Bulk Density: 8.58 LB/GAL
Viscosity 140-200 CENTIPOISE @ 73 DEG
pH: 7 - 9 Su

Boiling Pt: 212 F 760 MM HG
Freezing Pt: 32 F 760 MM HG
Decomp. Tmp: NOT AVAILABLE
Solubility in Water Description: Miscible
Vapor Pressure: 23 MILLIBARS

SECTION 4 - FIRE AND EXPLOSION DATA

	Typical	Low/High Deg.	Method
Flash Point:	< 300		F NOT SPECIFIED
Autoignition:	NOT AVAILABLE		
Extinguishing Media:	Use water fog, foam, CO2 or dry chemical extinguishing media.		
Fire Fighting Procedures:	Firefighters should be equipped with self-contained breathing apparatus and turn out gear.		
Unusual Hazards:	There are no known unusual fire or explosion hazards.		

SECTION 5 - HEALTH EFFECTS

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Overexposure Effects:

Contact with the eyes and skin may result in irritation.
Ingestion may cause gastric upset, pain, diarrhea, lethargy.
Inhalation of the vapors may result in respiratory irritation.

Chronic Overexposure Effects:

There are no other known chronic effects associated with this material. Based on test data and experience with similar products it this is a low hazard material. Contact with eyes and skin may result in respiratory irritation. Ingestion may cause gastric disturbances.

First Aid Procedures - Skin:

Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.

First Aid Procedures- Eyes:

Immediately rinse eyes with running water for 15 minutes. If irritation develops, get medical attention.

First Aid Procedures - Ingestion:

If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

First Aid Procedures - Inhalation:

Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

First Aid Procedures - Notes to Physicians:

None known.

First Aid Procedures - Aggravated Medical Conditions:

No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product. Please refer to the Toxicological Information section for effects observed in animals.

First Aid Procedures - Special Precautions:

None.

SECTION 6 - REACTIVITY DATA

Stability Data:	Stable
Incompatibility:	Metal salts will coagulate product.
Conditions/Hazards to Avoid:	Maintain storage temperature at 10-30 C.
Hazardous	Hazardous Decomposition Products: CO, CO ₂ , Nox,
Decomposition/Polymerization:	hydrocarbons.
Polymerization:	Does not occur.
Corrosive Properties:	Not corrosive.
Oxidizer Properties:	Not an oxidizer.

SECTION 7 - PERSONAL PROTECTION

Clothing:	Gloves, coveralls, apron, and boots as necessary to prevent contact.
Eyes:	Chemical goggles; also wear a face shield if splashing hazard exists.
Respiration:	If vapors or mists are generated, wear a NIOSH/MSHA approved organic vapor/mist respirator or an air-supplied respirator as appropriate.
Ventilation:	Use local exhaust to control to recommended P.E.L.
Explosion Proofing:	None required.

SECTION 8 - SPILL LEAK/ENVIRONMENTAL

General:	Spills should be contained and placed in suitable containers for disposal in a licensed facility. This material is not regulated by RCRA or CERCLA ("Superfund"). Wear appropriate respiratory
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protection and protective clothing and provide adequate ventilation during Clean-up. Waste Disposal: Incinerate or bury as a solid in a licensed facility. Do not discharge into waterways or sewer systems without proper authority. Container Disposal: Dispose of in a licensed facility. Recommend crushing or other means to prevent unauthorized reuse.

SECTION 9 - STORAGE AND HANDLING

General: Maintain storage temperature at 10-30 C.

SECTION 10 - REGULATORY INFORMATION

State Regulatory Information: This product contains one or more chemicals known to the State of California to cause cancer.

Hazard Ratings;				
	Health:	Fire:	Reactivity:	Special:
HMIS	1	1	0	NA

This product is not hazardous according to the OSHA Hazard Communication Standard.

IMPORTANT

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END OF DATA SHEET