ENDURO PRODUCTS

MATERIAL SAFETY DATA SHEET

Manufacturer's Name: Enduro Products
Address: 1133 N. Patt Street
Anaheim, CA 92801
Emergency Phone: 714-526-5898
Web address: www.endurokote.com
Date of Revision: 10 – 14- 2010

Section 1 — Identification

Trade Name:	Enduro-Flex, EFL-UL94 (Acrylic Polymer Dispersion)
Product ID:	NVE 528307
Common Chemical Name:	Acrylate
Chemical Family:	Polymer Dispersion

Section 2 — Ingredients

Chemical Name:			Amount
Polymer			56 – 58%
	PEL/TLV Not Established		
Water			42 – 44%
	PEL/TLV Not Established		
Styrene			< 100 P.P.M.
	ACGIH TLV	STEL 40 PPM	
		TWA 20 PPM	
	OSHA PEL	CEIL 200 PPM	
		STEL 600 PPM	
		TWA 100 PPM	
2-Propenic Acid,		Butyl E	< 100 P.P.M.
	ACGIH TLV	TWA 10 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 Degrees
Bulk Density:	8.58		LB/Gal	
Viscosity:		140-200	Centipoise	@ 73 Degrees
Ph:		7 – 9	SU	
	Typical	Low/High	Deg	@ Pressure
Boiling Point:	212		F 760	MM HG
Freezing Point:	32		F 760	MM HG

Decomp. Temp: Not Available
Solubility in Water Description: Miscible
Vapor Pressure: 23 Millibars @ 20 Degrees C

Section 4 **Fire and Explosion Data**

	Typical	Low/ High	Deg.	Method
Flash Point	< 300		F Not Specified	
Auto Ignition	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 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 is believed that this is a low hazard material. Contact with eyes and skin may cause irritation. Inhalation 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 Physician: 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 for effects observed in animals.
First Aid procedures - Special Precautions: None.

Section 6 **Reactivity Data**

Stability Data: Stable
Incompatibility: Metal salts coagulate products.
Conditions/ Hazards to Avoid: Maintain storage temperature at 10-30 C.
Hazardous Decomposition/ Polymerization: Hazardous Decomposition Products: CO, C02, Nox, Hydrocarbons.