



ENDURO PRODUCTS

MATERIAL SAFETY DATA SHEET

Manufacturer's Name: Enduro Products
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 Date of Revision: 10 - 14- 2010

Section 1

Trade Name:
 Product ID:
 Common Chemical Name:
 Chemical Family:

Identification

Enduro-Flex, EFL-UL94 (Acrylic Polymer Dispersion)
 NVE 528307
 Acrylate
 Polymer Dispersion

Section 2

Chemical Name:
 Polymer

PEL/TLV Not Established

Water

PEL/TLV Not Established

Styrene

| | | |
|-----------|------|---------|
| ACGIH TLV | STEL | 40 PPM |
| | TWA | 20 PPM |
| OSHA PEL | CEIL | 200 PPM |
| | STEL | 600 PPM |
| | TWA | 100 PPM |

2-Propenic Acid,

| | | |
|-----------|---------|--------|
| ACGIH TLV | Butyl E | |
| | TWA | 10 PPM |

Amount
 56 - 58%

42 - 44%

< 100 P.P.M.

< 100 P.P.M.

Ingredients

Section 3

Color:
 Form/ Appearance:
 Odor:
 Odor Intensity:

Physical Properties

Milky White
 Aqueous Dispersion
 Ester
 Slight

| | | | | |
|-------------------|-----------------|----------|------------|--------------|
| Specific Gravity: | Typical 1.03 | Low/High | U.O.M. | @ 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 |



ENDURO PRODUCTS

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, CO2, Nox, Hydrocarbons.



ENDURO PRODUCTS

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: Not an oxidizer.

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. Wear appropriate respiratory 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.

Material Safety Data Sheet Legend

NA—Not Applicable
ND—Not Determined

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End of Material Safety Data Sheet