

PRODUCT NAME: ABRO Threadlock High Strength Red
Permanent
PRODUCT NUMBER/SIZE: TL-371 / 6 mL

Rev Date: 08/24/2015

SECTION 1 Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.
ADDRESS: 3580 Blackthorn Court
South Bend, IN 46628
USA
PRODUCT DESCRIPTION: Threadlocker
COMPANY PHONE: 574-232-8289
EMERGENCY 24-HR TELEPHONE: Chemtrec: US/Canada 1-800-424-9300
International +1-703-527-3887

SECTION 2 Hazards Identification

Classification:

EYE DAMAGE/IRRITATION - Category 2A
SENSITIZATION - SKIN - Category 1
SKIN CORROSION/IRRITATION - Category 2

Label Pictogram(s):



Signal Word: WARNING

Hazard Phrases: Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction

Precautionary Phrases: Avoid breathing dust/fume/gas/mist/ vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wash hands thoroughly after handling. Wear eye protection/face protection. Wear protective gloves.

Response: Read label before use. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If on skin: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Wash contaminated clothing before reuse.

Storage / Disposal: Dispose of contents/container in accordance with

Other: local/regional/national/international regulations.
Keep out of reach of children.

Ingredients of unknown toxicity: 0%

Hazards not Otherwise Classified: False

SECTION 3 Composition/Information on Ingredients

| COMPONENTS | CAS Number | Percent by weight |
|--|------------|-------------------|
| Acrylic Acid | 110-16-7 | 0.1 – 1 % |
| α,α dimethylbenzyl hydroperoxide | 80-15-9 | 0.1 – 1 % |
| Bisphenol A ethoxylate dimethacrylate | 41637-38-1 | 10 - 20 % |
| Dimethacrylate Ester | 25852-47-5 | 10 - 25 % |
| 2-Hydroxypropyl methacrylate | 27813-02-1 | 25 – 50 % |

SECTION 4 First Aid Measures

Eye Contact

Rinse with water for 15 minutes. Obtain medical attention.

Skin Contact

Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re use. Get medical attention if irritation develops.

Ingestion

Do not induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation

Remove to fresh air. If symptoms persist, obtain appropriate medical attention.

SECTION 5 Fire Fighting Measures

Suitable Extinguishing Media

N/A

Unsuitable Extinguishing Media

N/A

Extinguishing Media

Carbon Dioxide, Dry Chemical, Foam

Unusual Fire and Explosion Hazards

None Known.

Special Fire Fighting Procedures

None.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Irritating organic vapors, Oxides of carbon, sulfur and nitrogen.

SECTION 6

Accidental Release Measures

Steps to be taken in case of spill or leak

Observe all personal protection equipment recommendations. Soak up with inert absorbent. Store in a partly filled, closed container until disposal. Prevent product from entering drains. Local, state and federal regulations may apply to releases and disposal of this material, as well as those materials and items employed in cleanup of releases.

SECTION 7

Handling and Storage

Handling

Avoid contact with skin, eyes, and clothing. Avoid breathing vapor or mist.

Storage

Store at or below 100F. Keep away from heat, sparks and open flames.

SECTION 8

Exposure Controls/Personal Protection

Occupational Exposure Limits

| Ingredient Name | ACGIH TLV | OSHA PEL | STEL |
|--|------------------|-----------------|-------------|
| Acrylic Acid | 2 ppm | N/A | 20 ppm |
| α,α dimethylbenzyl hydroperoxide | None | None | N/A |
| Bisphenol A ethoxylate dimethacrylate | None | None | N/A |
| Dimethacrylate Ester | N/A | N/A | N/A |
| 2-Hydroxypropyl methacrylate | N/A | N/A | N/A |

Personal Protective Equipment

Goggles, Gloves

Eye Protection

Safety goggles or glasses with side shields are recommended.

Ventilation

Local exhaust ventilation is recommended to maintain vapor level below TLV.

Respiratory Protection

Use NIOSH approved respirator for individuals who are sensitive.

Skin Protection

Rubber, polyethylene, or neoprene gloves.

SECTION 9

Physical and Chemical Properties

Physical State:

Liquid

| | |
|--|--------------------------------|
| Color: | Red |
| Odor: | Characteristic |
| Odor Threshold: | Not determined. |
| Solubility: | Not miscible or difficult to m |
| Partition coefficient Water/noctanol: | Not determined. |
| VOC%: | 135 % 142 g/L |
| Viscosity: | Not determined. |
| Specific Gravity: | 1.1 |
| Density lbs/Gal: | N/A |
| Pounds per Cubic Foot: | N/A |
| Flash Point: | >93C 199F |
| FP Method: | N/A |
| pH: | Not determined. |
| Melting Point: | Undetermined |
| Boiling Point: | >148C 298F |
| Boiling Range: | N/A |
| LEL: | N/A |
| UEL: | N/A |
| Evaporation Rate: | Not determined. |
| Flammability: | Not applicable |
| Decomposition Temperature: | Not determined. |
| Auto-ignition Temperature: | Product is not self-igniting. |
| Vapor Pressure: | Not determined. |
| Vapor Density: | Not determined. |

Note

The above information is not intended for use in preparing product specifications.

SECTION 10 Stability and Reactivity

Chemical Stability

Stable

Conditions to Avoid

None known

Hazardous Polymerization

Will not occur

Hazardous Decomposition Products

Oxides of carbon, sulfur, and nitrogen

SECTION 11 Toxicological Information

Component Toxicology Information

No known applicable information.

Special Hazard Information on Components

No known applicable information.

SECTION 12 Ecological Information

Environmental Fate and Distribution

Complete information is not yet available.

Environmental Effects

Complete information is not yet available.

Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available.

SECTION 13 Disposal Considerations

Waste Disposal Methods

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes. This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

SECTION 14 Transport Information

U.S. DOT UN/ID Number: N/A
Proper shipping name: N/A
Hazard class:
Packing Group: N/A
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

IMO/IMDG UN/ID Number: N/A
Proper shipping name: N/A
Hazard class:
Packing Group: N/A
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

ICAO/IATA UN/ID Number: N/A
Proper shipping name: N/A
Hazard Class:
Packing Group: N/A
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

Road Shipment Information (DOT)

Not subject to DOT regulations.

Ocean Shipment (IMDG)

Not subject to IMDG code.

Air Shipment (IATA)

Not subject to IATA regulations.

SECTION 15 Regulatory Information

Pennsylvania Cumene hydroperoxide (80-15-9)
Saccharin (81-07-2)

New Jersey Cumene hydroperoxide (80-15-9)
Saccharin (81-07-2)

California Proposition 65 This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm: Saccharin. Proper usage necessitates no Proposition 65 warning.

SARA Title III Section 313 Toxic Chemicals
Cumene Hydroperoxide (80-15-9)

SARA Title III Section 312 Hazard Class
Acute: Yes
Chronic: No
Fire: No
Pressure: No
Reactive: No

SARA Title III Section 304 CERCLA Substances dangerous
None

SARA Title III Section 302 Extremely Hazardous Substances
None

TSCA Status All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

SECTION 16 Other Information

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or

recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

ABBREVIATIONS:

NG="NOT GIVEN"

<="LESS THAN"

ND = Not Determined

BT="BETWEEN"

>="GREATER THAN"

NA = Not Applicable