

PRODUCT NAME: ABRO Rear View Mirror Adhesive
PRODUCT NUMBER/SIZE: RV-495-R / Part A

Rev Date: 2/25/2015

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: Mirror Adhesive
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 irritation (Category 2)
Flammable Liquids (Category 2)
Specific target organ toxicity - single exposure (Category 3)

Label Pictogram(s):



Signal Word: DANGER

Hazard Phrases: Highly flammable liquid and vapor. Causes serious eye irritation. May cause drowsiness or dizziness.

Precautionary Phrases: Avoid breathing dust/fumes/gas/mist/vapors. Call a POISON CENTER or doctor/physician if you feel unwell. Ground/bond container and receiving equipment. Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Take precautionary measures against static discharge. Use explosion-proof electrical, ventilating, and lighting equipment. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling. Wear protective gloves and eye and face protection.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention. If eye irritation persists: Get medical attention. IF INHALED: Remove victim to fresh air

and keep at rest in a position comfortable for breathing. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage / Disposal: Store locked up. Store in a well-ventilated place. Keep container tightly closed and keep cool. Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

Other: Keep out of reach of children.

SECTION 3

Composition/Information on Ingredients

COMPONENTS	CAS Number	Percent by weight	ACGIH TLV	PEL	STEL
Isopropanol	67-63-0	97.5	400 ppm	400 ppm	500 ppm
Metal Salt complex	Proprietary	2.5			

SECTION 4

First Aid Measures

Eye Contact

Rinse with water for 15 minutes. Obtain medical attention.

Skin Contact

Wash thoroughly with soap and water.

Ingestion

DO NOT INDUCE VOMITING. Seek immediate medical attention.

Inhalation

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

SECTION 5

Fire Fighting Measures

Flash Point 53F 11.6C

FP Method Tag Closed Cup

Extinguishing Media

Carbon Dioxide, Dry Chemical, Foam

Unusual Fire and Explosion Hazards

No unusual fire or explosion hazards are anticipated.

Special Fire Fighting Procedures

Wear self-contained breathing apparatus.

SECTION 6

Accidental Release Measures

Steps to be taken in case of spill or leak

Soak up with inert absorbent. Dispose of in accordance with local regulations.

SECTION 7 Handling and Storage

Handling

Keep container tightly closed. Avoid prolonged contact with skin. Keep away from eyes.

Storage

Store away from heat and direct sunlight to maximize shelf life. Store inside in a dry location.

SECTION 8 Exposure Controls/Personal Protection

Eye Protection

Safety goggles or glasses with side shields are recommended.

Ventilation

Local exhaust ventilation recommended.

Respiratory Protection

Not applicable with good local exhaust.

Skin Protection

Polyethylene or non-reactive gloves. Do not use cotton or wool.

SECTION 9 Physical and Chemical Properties

Specific Gravity	0.79
Color/Appearance	Bluish-green
Odor	Alcohol scent
Boiling/Cond. Point	>180F
Solubility	Highly soluble in water
Vapor Density	2.1
Vapor Pressure	33mm Hg @ 80F

Note

The above information is not intended for use in preparing product specifications. Contact Accumetric LLC before writing specifications.

SECTION 10 Stability and Reactivity

Chemical Stability

Stable

Hazardous Polymerization

Will not occur

Incompatibility

Avoid contact with oxidizers.

SECTION 11 Toxicological Information

Toxicity

Skin and eye irritant

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.

Soak up with inert absorbent and store in vented containers. Incinerate or dispose of in an approved landfill in accordance with local and EPA regulations.

SECTION 14 Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

U.S. DOT UN/ID Number: UN1219
 Proper shipping name: Isopropanol or Isopropyl Alcohol
 Hazard class: 3
 Packing Group: II
 Exceptions: May be shipped as a limited quantity or consumer commodity
 Environmental Hazards:
 Transport in Bulk:
 Special Precautions:

IMO/IMDG UN/ID Number: UN1219
 Proper shipping name: Isopropanol
 Hazard class: 3
 Packing Group: II
 Exceptions: May be shipped as a limited quantity.

Environmental Hazards:
Transport in Bulk:
Special Precautions: EMS-No: F-E, S-D

ICAO/IATA UN/ID Number: UN1219
Proper shipping name: Isopropanol
Hazard Class: 3
Packing Group: II
Exceptions: May be shipped as a limited quantity.
Environmental Hazards:
Transport in Bulk:
Special Precautions:

Canada (TDG) UN/ID Number: UN1219
Proper shipping name: Isopropanol
Hazard class: 3
Packing Group: II
Exceptions: May be shipped as a limited quantity or consumer commodity
Environmental Hazards:
Transport in Bulk:
Special Precautions:

Europe (ADR/RID) UN/ID Number: UN1219
Proper shipping name: Isopropanol
Hazard class: 3
Packing Group: II
Exceptions: May be shipped as a limited quantity.
Environmental Hazards:
Transport in Bulk:
Special Precautions:

SECTION 15 Regulatory Information

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

TSCA Status

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

SARA Title III Section 302 Extremely Hazardous Substances

None

SARA Title III Section 304 CERCLA Dangerous Substances

None

SARA Title III Section 312 Hazard Class

Acute: Yes
Chronic: Yes
Fire: Yes
Pressure: No
Reactive: No

SARA Title III Section 313 Toxic Chemicals

None present or none present in regulated quantities.

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:

None known

HMIS

Health – 2

Flammability – 3

Physical – 0

PPE –

NFPA

Health – 2

Flammability – 3

Instability – 0

Special Hazard -

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

PRODUCT NAME: ABRO Rear View Mirror Adhesive
PRODUCT NUMBER/SIZE: RV-495-R / Part B

Rev Date: 2/29/2015

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International +1-703-527-3887

SECTION 2 Hazards Identification

Classification:

Eye irritation - Category 2B
Skin corrosion/irritation - Category 2
Acute toxicity, inhalation – Category 5

Label Pictogram(s):



Signal Word: **WARNING**

Hazard Phrases: May be harmful if inhaled. Causes eye irritation. Causes skin irritation.

Precautionary Phrases: Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area.

Response: IF ON SKIN: wash with plenty of soap and water. Specific treatment (see Section 4). IF SKIN irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. 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 INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

Storage / Disposal: Store locked up. Store in a well-ventilated place. Keep container tightly closed and keep cool. Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

Other: Keep out of reach of children.

SECTION 3

Composition/Information on Ingredients

COMPONENTS	CAS Number	Percent by weight	ACGIH TLV	PEL	STEL
Hydroxyethyl alkyl methacrylate	868-77-9	10% - 30%			
High Boiling Point Methacrylate	7534-94-3	10% - 30%			
Acrylic acid	79-10-7	1% - 5%	2 ppm		20 ppm

SECTION 4

First Aid Measures

Eye Contact

Rinse with water for 15 minutes. Obtain medical attention.

Skin Contact

Wash thoroughly with soap and water.

Inhalation

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

Ingestion

Seek medical attention. Do not induce vomiting.

SECTION 5

Fire Fighting Measures

Flash Point >200F

FP Method Tag Closed Cup

Extinguishing Media

Carbon Dioxide, Dry Chemical, Foam

Unusual Fire and Explosion Hazards

No unusual fire or explosion hazards are anticipated.

Special Fire Fighting Procedures

Wear self-contained breathing apparatus.

SECTION 6

Accidental Release Measures

Steps to be taken in case of spill or release

Soak up in an inert absorbent and store in a closed container until disposal. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items

employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable.

SECTION 7

Handling and Storage

Handling

Keep container tightly closed. Avoid prolonged contact with skin. Keep away from eyes.

Storage

Store away from heat and direct sunlight to maximize shelf life. Store inside in a dry location. Avoid storage over 100F.

SECTION 8

Exposure Controls/Personal Protection

Eye Protection

Safety goggles or glasses with side shields are recommended.

Skin Protection

Neoprene gloves

Ventilation

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

Respiratory Protection

No respiratory protection should be needed with good local ventilation.

SECTION 9

Physical and Chemical Properties

Physical State	Liquid
Specific Gravity	1.11
Color/Appearance	Amber
Odor	Sharp, pungent odor
Boiling/Cond. Point	> 300F
Solubility	Slight in water
VOC %	3.11%, 35.5 g/L (EPA 24)
Vapor Density	N/A
Vapor Pressure	<10 mm Hg @ 80F

Note

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SECTION 10

Stability and Reactivity

Incompatibility

Polymerized by contact with oxidizers, amines and alkalis.

Chemical Stability

Stable

Hazardous Polymerization

Will not occur

SECTION 11
Toxicological Information

Toxicity

Skin and eye irritant. Possible inhalation irritant.

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 Method

Soak up with an inert absorbent and store in vented containers. Incinerate or dispose of in an approved landfill in accordance with local and EPA regulations. Not a RCRA hazardous waste.

SECTION 14
Transport Information

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Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

IMO/IMDG UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:

Transport in Bulk:
Special Precautions:

ICAO/IATA UN/ID Number: Not Regulated
Proper shipping name:
Hazard Class:
Packing Group:
Exceptions:
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Transport in Bulk:
Special Precautions:

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Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

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Hazard class:
Packing Group:
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Environmental Hazards:
Transport in Bulk:
Special Precautions:

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None known

HMIS

Health – 2
Flammability – 1
Physical – 1
PPE –

NFPA

Health – 2

Flammability – 1

Instability – 1

Special Hazard -

SECTION 16
Other Information

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