

PRODUCT NAME: ABRO Super Glue
PRODUCT NUMBER/SIZE: AB-747

Rev Date: 08/28/2015

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: 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 DAMAGE/IRRITATION - Category 2A
FLAMMABLE LIQUIDS - Category 4
SKIN CORROSION/IRRITATION - Category 2
SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3

Label Pictogram(s):



Signal Word: WARNING

Hazard Phrases: Causes serious eye irritation. Causes skin irritation. Combustible liquid. May cause respiratory irritation.

Prevention: Avoid breathing dust/fume/gas/mist/ vapors/spray. Keep away from heat. Use only outdoors or in a well-ventilated area. Wash 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 inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If on skin: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. In case of fire: Use for extinction: CO2, powder or water spray. Take off contaminated clothing and wash it before

reuse.

Storage / Disposal: Store in a well-ventilated place. Keep container tightly closed. Store locked up. Keep cool. Dispose of contents/container in accordance with local/regional/national/international regulations.

Other: Keep out of reach of children.

Ingredients of unknown toxicity: 0%

Additional Information: None known

SECTION 3

Composition/Information on Ingredients

COMPONENTS	CAS Number	Percent by weight
Ethyl-2-Cyanoacrylate	7085-85-0	50 - 100 %

Occupational exposure limits, if available, are listed in Section 8

SECTION 4

First Aid Measures

Eye Contact

Flush with warm water. If eyelids are bonded closed, release eyelashes with warm water by covering the eye with a wet pad. Do not force eye open. See supplemental section for emergency action.

Skin Contact

Soak in warm water. Do not pull skin apart. See supplemental section for emergency action.

Ingestion

Ingestion is unlikely. See supplemental section for emergency action.

Inhalation

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

First Aid Supplement

Cyanoacrylate adhesive is a very fast setting and strong adhesive. It bonds to human tissue and skin in seconds. Experience has shown that accidents due to Cyanoacrylates are best handled by passive, non-surgical first aid.

Treatment of specific types of accidents are suggested as follows:

Skin Contact

Remove excess adhesive. Soak in warm, soapy water. The adhesive will come loose from the skin in several hours. Dried adhesive does not present a health hazard even when bonded to the skin. Avoid contact with clothes, fabrics, rags, or tissue. Contact with these materials may cause polymerization. The polymerization of large amounts of adhesive will generate heat causing smoke, skin burns, and strong, irritating vapors. Wear rubber or polyethylene gloves and an apron when handling large amounts of adhesive.

Skin Adhesion

First immerse the bonded surfaces in warm, soapy water. Peel off or roll the surfaces open with the end of a blunt edge, such as a spatula or a spoon handle, then remove adhesive with soap and water. Do not try to pull the surfaces apart with a direct opposing action.

Eyelid adhesion

In the event that eyelids are stuck together or bonded to the eyeball, wash thoroughly with warm water and apply a gauze patch. The eye will open without further action, typically in one to two days. There will be no residual damage. Do not try to pull the surfaces apart with a direct opposing action.

Adhesive in eye

Adhesive introduced into the eyes will attach itself to the eye protein and will disassociate from it over intermittent periods, usually several hours. This will cause periods of weeping until clearance is achieved. It is important to understand that disassociation will normally occur within a matter of hours, even with gross contamination.

Mouth

If lips are accidentally stuck together apply lots of warm water and encourage maximum wetting and pressure from saliva inside the mouth. Peel or roll lips apart. Do not try to pull the lips apart with direct opposing action. It is almost impossible to swallow cyanoacrylate. The adhesive solidifies and adheres in the mouth. Saliva will lift the adhesive in one to two days.

Burns

Cyanoacrylate gives off heat on solidification. In rare cases, large drops will increase in temperature enough to cause a burn. Burns should be treated normally after the lump of cyanoacrylate is released from the tissue as described above.

Surgery

It should never be necessary to use such drastic action to separate accidentally bonded skin.

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

Wear self-contained respiratory protective device.

SECTION 6

Accidental Release Measures

Steps to be taken in case of spill or release

Observe all personal protection equipment recommendations. Do not use cloths for clean up. Flood spilled material with water to polymerize. Cured material can be scrapped up and disposed of as nonhazardous waste. Make sure spill area is well ventilated.

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

Avoid contact with skin, eyes and clothing. Avoid breathing vapor or mist. Avoid contact with paper goods or fabric. Contact with these materials may cause rapid polymerization which can generate smoke and strong irritating vapors.

Storage

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

SECTION 8

Exposure Controls/Personal Protection

Occupational Exposure Limits

<u>Ingredient Name</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>STEL</u>
Ethyl-2-Cyanoacrylate	0.2 ppm	None	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

Not applicable with good local exhaust. Use NIOSH approved respirator if there is a potential to exceed exposure limits.

SECTION 9

Physical and Chemical Properties

Physical State:	Liquid
Color:	Colorless
Odor:	Characteristic
Odor Threshold:	Not determined.
Solubility:	Not miscible or difficult to m
Partition coefficient Water/noctanol:	Not determined.
VOC%:	20 g/L (estimated)
Viscosity:	Not determined.
Specific Gravity:	1.05
Density lbs/Gal:	8.762
Pounds per Cubic Foot:	N/A
Flash Point:	>87C 189F

FP Method:	N/A
pH:	Not determined.
Melting Point:	Undetermined
Boiling Point:	>150C 302F
Boiling Range:	N/A
LEL:	N/A
UEL:	N/A
Evaporation Rate:	Not determined.
Flammability:	Not applicable
Decomposition Temperature:	Not determined.
Auto-ignition Temperature:	N/A
Vapor Pressure:	0.3 hPa @ 20C
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 under recommended storage conditions.

Hazardous Polymerization

Rapid exothermic polymerization will occur in the presence of water, amines, alkalis and alcohols.

Materials to Avoid / Incompatibility

Polymerized by contact with water, alcohols, amines, and alkalis.

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.

Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available.

Environmental Effects

Complete information is not yet available.

SECTION 13 Disposal Considerations

Waste Disposal Method

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

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 Substances dangereuses

None

SARA Title III Section 312 Hazard Class

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

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: Saccharin. Proper usage necessitates no Proposition 65 warning.

Massachusetts

No ingredient regulated by MA Right-to-Know Law present.

New Jersey

None known

Pennsylvania

None known

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