



**ANTI-SEIZE TECHNOLOGY**  
A.S.T. Industries, Inc.

## CA 020 INSTANT ADHESIVE SAFETY DATA SHEET

### Section 1- Product and Company Identification

**Product type:** Cyanoacrylate adhesive

**Manufacture/Supplier :** Anti-Seize Technology  
2345 N. 17<sup>th</sup> Ave.  
Franklin Park, IL 60131

**Phone:** 847-455-2300

**Fax:** 847-455-2371

**Web:** antiseize.com

**Emergency Phone, 24 hr:** Infotrac @ 1-800-535-5053 ( US & Canada )  
1-352-323-3500 ( International )

**Web:** infotrac.net

**Date:** 01/06/2016

### Section 2-Hazard Identification

#### GHS Classification ( Hazcom 2012):

Eye Irritation Category 2B

Flammable liquid, Category 4

Specific Target Organ Toxicity, single exposure Category 3

#### Label Elements:



**Signal word:** WARNING

#### Hazards

Bonds skin in seconds

Eye Irritation

Combustible liquid

May cause respiratory irritation

**Precautionary Phrases:****Prevention:**

Do not breath vapors.

Do not eat, drink or smoke when using this product.

Do not get in eyes, on skin or on clothing.

Wash thoroughly after handling.

Use only outdoors or in well ventilated areas.

Wear eye and face protection.

Wear protective gloves.

If medical advice is needed, have product container or label on hand.

Keep out of reach of children.

**Response:**

**Eyes:** Remove contact lenses if present and easy to do. Continue rinsing. Call a poison control center or trained medical personnel if you feel unwell If eye irritation persists: Get medical attention.

**Skin:** Wash with soap and water. Remove contaminated clothing.

**Inhalation:** Remove person to fresh air and keep comfortable for breathing.

**Storage:**

Store in well ventilated place.

Store in closed container.

**Disposal:** Dispose of contents in accordance with local, regional and national regulations.

| Section 3- Composition/ Information on Ingredients |           |        |
|--|-----------|--------|
| Ingredient   | CAS #     | %      |
| Ethyl Cyanoacrylate                                | 7085-85-0 | 85-100 |

The specific identity and/or exact percentage of composition has been withheld as a trade secret

| Section 4 – First Aid Measures |
|--------------------------------|
|--------------------------------|

**Eye:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**Skin:** Remove contaminated clothing. Wash exposed area with soap and water. If skin is accidentally bonded together use acetone to dissolve the glue.

**Inhalation:** Supply fresh air; consult doctor in case of complaints.

**Ingestion:** Rinse mouth with water. Do not induce vomiting.

**Most Important symptoms and effects, both acute and delayed:** skin irritation, rash, redness

**Indication of any immediate medical attention and special treatment needed:**

Skin redness or rash.

### Section 5 – Fire Fighting Measures

**Extinguishing Media:** Use water spray or fog, foam, carbon dioxide or dry chemical. Dry chemical is preferred.

**Special Hazards Arising from the Product:** Uncontrolled polymerization may occur at very high temperatures which could result in rupture of storage containers.

**Special Equipment and Precautions for Fire-Fighters:** Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water spray.

### Section 6 – Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear gloves. Do not use cloth materials to soak up spill. Flood with water to complete polymerization and scrape hardened material off the surface. Cured material is a non-hazardous waste. Do not return spilled material to original container.

**Environmental Hazards:** Do not flush into waterways or into sewers.

### Section 7 – Handling and Storage

**Precautions for Safe Handling:** Use with adequate ventilation. Prevent contact with eye, skin and clothing. Do not breath vapors. Wash thoroughly after handling. Keep container closed. Do not transfer to unlabeled containers. Avoid contact with fabrics or paper goods. Contact with these materials may result in rapid polymerization of the adhesive and can generate high heat, strong irritating vapors and may result in thermal burns.

**Conditions for Safe Storage, Including any Incompatibilities.**

Store below 100°F. Store in well ventilated areas. Store away from heat, sparks, open flames. Keep container closed.

### Section 8 – Exposure Controls / Personal Protection

|                     | OSHA PEL | ACGIH TLV  | Other |
|---------------------|----------|------------|-------|
| Ethyl Cyanoacrylate | None     | 0.2ppm TWA |       |

**Engineering controls:**

Use a local exhaust to maintain vapor concentrations below the established exposure limits.

**Individual Protection Measures:**

**Respiratory Protection:** Use NIOSH approved respirator if there is a potential to exceed the exposure limits.

**Eye/Face Protection:** Safety glasses with side splash shields are recommended. A face shield should be worn if there is potential for splashing or spraying exists. Eye wash stations should be available.

**Skin Protection:** Avoid contact with skin. Use nitrile or neoprene gloves as necessary to prevent skin contact. Do not use PVC, Nylon or Cotton gloves.

### Section 9 – Physical and Chemical Properties

|  |   |
|--|---|
| <b>Appearance:</b> Clear colored liquid  | <b>Vapor Density (air = 1):</b> >1                            |
| <b>Odor:</b> Sharp irritating  | <b>Specific Gravity:</b> 1.05                                 |
| <b>Odor Threshold:</b> Not established   | <b>Water Solubility:</b> Polymerizes in the presence of water |
| <b>pH:</b> Not available   | <b>Octanol/Water Partition Coefficient:</b> Not available     |
| <b>Melting Point/Freezing Point:</b> Not available   | <b>Autoignition Temperature:</b> >900°F                       |
| <b>Boiling Point:</b> >212 °F  | <b>Decomposition Temperature:</b> Not available               |
| <b>Flash Point:</b> 175°F-200°F  | <b>Viscosity:</b> 100 cps                                     |
| <b>Evaporation Rate:</b> Not available   | <b>Explosion Properties:</b> None                             |
| <b>Flammable Limits:</b><br><br><b>LEL:</b> Not established<br><br><b>UEL:</b> Not established | <b>Oxidizing Properties:</b> Not oxidizing                    |
| <b>Vapor Pressure:</b> <5mm Hg   | <b>Aerosol Fire Protection Level:</b> Does not apply          |
| <b>VOC Content:</b> <20g/L   |   |

#### Section 10 – Stability and Reactivity

**Stability:** Stable under normal conditions of use.

**Chemical stability:** Stable under normal storage and handling conditions. Rapid Polymerization may occur in the presence of water, amines, alkalis and alcohols.

**Conditions to avoid:** Elevated temperatures. Heat, flames and other sources of ignition. Rapid polymerization as noted elsewhere in this document.

**Incompatible Materials:** Water, alkalis, alcohols and amines.

**Hazardous Decomposition Products:** None known

#### Section 11 – Toxicological Information

**Estimated oral LD50:** None

**Estimated dermal LD50:** more than 2000 mg/kg

**Potential Health Effects:**

**Eye:** Causes serious eye irritation.

**Skin:** Causes skin irritation. Bonds skin in seconds. Cyanoacrylates have been reported to cause an allergic skin reaction due to rapid polymerization on the skin surface, although rare. Cyanoacrylates

generate heat by rapidly polymerizing. In rare cases a large drop on the skin could result in a thermal burn.

**Inhalation:** May cause respiratory tract irritation, especially if large amount are used with inadequate ventilation. Symptoms could include difficulty breathing and tightness in chest.

**Ingestion:** Not expected to be harmful by ingestion. Rapid polymerization occurs in contact with saliva. Polymerized cyanoacrylate is very difficult to swallow.

**Carcinogenicity: OSHA: No IARC: No NTP: No**

#### Section 12-Ecological Information

**Ecotoxicity:** No further information is available.

#### Section 13 – Disposal Consideration

**Waste disposal:** Dispose of in a responsible manner. Follow local, state and federal guidelines. Do not discharge into sewers or waterways. Incineration is the preferred method of disposal, although it may be land filled at an approved facility.

#### Section 14- Transport Information

**DOT Proper Shipping Name:** Not regulated

**DOT Technical Name:** None

**DOT Hazard Class:** None

**UN Number:** None

**DOT Labels Required (49CFR172.101):** None

**IMDG Shipping Description:** Not regulated

**ID Number:** None

**Hazard Class:** None

**Packing Group:** None

**Labels Required:** None

**Marking Required:** None

**Placards Required:** None

#### ICAO/IATA

**Proper shipping name:** Aviation regulated liquid, n.o.s. (Cyanoacrylate ester)

**Hazard class or division:** 9

**Identification number:** UN 3334

**Packing group:** III

**Exceptions:** Primary packs containing less than 500ml are unregulated by this mode of transport and may be shipped unrestricted.

#### Section 15 – Regulatory Information

**CERCLA Reportable quantity:** None

**SARA Hazard Category (311/312):** Immediate Health, Delayed Health

**SARA 313:** None above the de minimis levels

**EPA TSCA Inventory:** All of the components of this product are listed on the TSCA inventory.

**CALIFORNIA PROPOSITION 65:** None listed

|  |
|--|
| <b>Section 16 – Other Information:</b> |
|--|

The information contained herein is based on data considered accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use of his product. Therefore, because the product may be used under conditions beyond our control, we assume no liability for its use.