

# Material Safety Data Sheet

## Identity: Pin-Bond Cyanoacrylate Adhesive

### SECTION I

|                                   |  |
|-----------------------------------|--|
| Distributor:                      | Gresco Products, Inc.                  |
| Address:                          | 13391 Murphy Road - Stafford, TX 77477 |
| Emergency Telephone Number:       | None                                   |
| Telephone Number for Information: | (281) 261-1811                         |
| Date Prepared:                    | July 26, 2004                          |

### SECTION II & III - Hazardous Ingredients & Physical/Chemical Characteristics

|   |  |
|---|--|
| Hazardous Components (As Defined by CFR 1910.1200): | None Known                                   |
| Exposure Limits:                                    | ACGIH-TLV – .2ppm TWA OSHA PEL – none        |
| Ingredients:  | Ethyl Cyanoacrylate, CAS# 7085-85-0          |
| Boiling Point:                                      | More than 300 <sup>o</sup> F                 |
| Vapor Pressure (mm Hg.):                            | .17mmHg at 20 <sup>o</sup> C                 |
| Vapor Density (Air = 1):                            | 4.3  |
| Specific Gravity (water = 1):                       | 1.05   |
| Melting Point:                                      | -22 <sup>o</sup> F                           |
| Evaporation Rate (Butyl Acetate = 1):               | .15  |
| Solubility in Water:                                | Insoluble, Water causes rapid polymerization |
| Appearance and Odor:                                | Clear liquid, sharp odor                     |

### SECTION IV - Fire and Explosion Data

|                                     |  |
|-------------------------------------|--|
| Flash Point (Method Used):          | 181 <sup>o</sup> F (closed cup)                  |
| Flammable Limits:                   | N/A  |
| Extinguishing Media:                | Dry chemical or carbon dioxide fire extinguisher |
| Special Fire Fighting Procedures:   | None known                                       |
| Unusual Fire and Explosion Hazards: | None known                                       |

### SECTION V - Reactivity Data

|   |   |
|---|---|
| Stability:                              | Unstable in high Humidity, high temperature or ultraviolet rays |
| Incompatibility (Materials to Avoid):   | Basic compounds such as amines                                  |
| Hazardous Decomposition or By Products: | None known  |
| Hazardous Decomposition:                | Not known to occur  |

### SECTION VI - Health Hazard Data

#### Routes of Entry:

|                                     |   |
|-------------------------------------|---|
| inhalation?:                        | Yes   |
| skin?:                              | No  |
| ingestion?:                         | No  |
| eyes?:                              | No  |
| Health Hazards (Acute and Chronic): | Prolonged exposure (breathing) to fumes may cause the symptoms of asthma. Overexposure to fumes may cause headache and nasal mucous |

#### Carcinogenicity:

|  |  |
|--|--|
| NTP?:                                      | Not known to be carcinogenic   |
| IARC Monographs?:                          | None known   |
| Signs and Symptoms of Exposure:            | Undue breathlessness, wheezing, cough, sputum production.  |
| Medical Conditions Aggravated by Exposure: | None known, but this product may aggravate existing lung conditions  |
| Emergency and First Aid Procedures:        | <b>Eyes:</b> Wash with large amount of water, consult a physician.<br><b>Inhalation:</b> Remove person(s) to fresh air, give artificial respiration as needed, seek medical attention.<br><b>Ingestion:</b> For small amounts - give water. For large amounts - see physician.<br><b>Skin:</b> Wash with warm water<br><b>Never try to force bonded skin and eyelids apart! Use warm water and soak until the adhesive loosens from the skin</b> |

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## ***SECTION VII - Precautions for Safe Handling and Use***

Steps to Be Taken in Case Material is Released or Spilled:

Wipe spill with absorbent towels

Waste Disposal Method:

Dispose in accordance with local, state, and federal regulations.

Precautions to Be Taken in Handling and Storing:

Avoid contact with skin and eyes

Other Precautions:

Store in cool dry area

## ***SECTION VIII - Control Measures***

Respiratory Protection:

Not needed for normal use if ventilation is adequate

Ventilation:

Use sufficient exhaust to reduce fumes

Protective Gloves:

Recommended

Eye Protection:

Recommended

Other Protective Clothing or Equipment:

Optional

Work/Hygienic Practices:

None Required