

SECTION 1 - MANUFACTURER INFORMATION

MANUF/DIST : CYBERBOND L.L.C./ FOSTER AND COMPANY, DISTRIBUTOR
401 North Raddant Rd EMERGENCY PHONE.....: 630-761-8900
Batavia, Illinois 60510 PREPARATION/REVISION DATE: 02/14/02
PREPARER/CONTACT: Lawrence Serkanic 24 hr 800-424-9300
LOCATION : **Whs** 1

TRADE NAME/SYNONYMS...: Apollo 2080
CHEMICAL NAME/SYNONYMS: in 80-2000 Assortment
CHEMICAL FAMILY.....: Cyanoacrylate Adhesives
FORMULA.....: Mixture of Cyanoacrylates
PRODUCT CODE.....: 80-77A, 80-85A

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

* HEALTH..... 2 *
* FLAMMABILITY.. 2 *
* REACTIVITY.... 1 *
* PROTECTION.... C *

SECTION 2 - HAZARDOUS INGREDIENTS

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

| CHEMICAL/COMMON NAME | CAS-NUMBER | % | PEL-OSHA | TLV-ACGIH |
|---------------------------|------------|-------|----------|-----------|
| Ethyl 2 Cyanoacrylate | 7085-85-0 | 80-90 | N/I | 2 PPM * |
| * Polymethyl Methacrylate | 137-05-3 | 10-20 | N/I | 2 PPM * |

* Manufacturers recommendation only, not an established value by ACGIH.

THIS PRODUCT CONTAINS CARCINOGENS (NTP, IARC, or OSHA):NO

| CHEMICAL/COMMON NAME | CAS-NUMBER | % | NTP | IARC | OSHA |
|----------------------|------------|-----|-----|------|------|
| None listed. | N/A | N/A | N/A | N/A | N/A |

SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute And Chronic)-
CHRONIC: None expected. No target organ effects known or exposure limit estab.
ACUTE: SKIN AND EYE CONTACT: Warning! Cyanoacrylates bond skin rapidly and strongly. May also bond eyelid to eyelid and/or eye. A large drop may cause a burn upon solidification.
INHALATION: Caution! Vapors may cause irritation of bronchial passages. Avoid prolonged inhalation.
ORAL INGESTION: It is almost impossible to swallow cyanoacrylate. The

adhesive solidifies and adheres to the mouth. The lips may be stuck together.
LD50 6.76 ml/kg.
CAUTION: Contact with cotton or wool can cause a strong exothermic reaction which can cause burns or fire.

PRIMARY ROUTES OF ENTRY-
Skin contact, eye contact, inhalation

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-
None known.

EMERGENCY FIRST AID PROCEDURES-
SKIN: Immerse bonded skin in warm, soapy water. Do not force separation.
EYES: Flush thoroughly with lukewarm or tepid water for at least 15 minutes. Call physician immediately.
INHALATION: Move to fresh air. If irritation persists consult physician. It is unlikely that the small containers provided could supply enough material to cause an inhalation injury.
INGESTION: Mouth saliva should lift the adhesive in 12 to 48 hours. Do not force removal. Do not swallow adhesive when it loosens.

SECTION 4 - CHEMICAL DATA

| | |
|--------------------------------|---------------------------------------|
| BOILING POINT (F).....: >150 C | SPECIFIC GRAVITY (WATER=1).....: 1.06 |
| VAPOR PRESSURE (mmHg): 0.17 | PERCENT VOLATILE BY VOLUME (%): 0 |
| VAPOR DENSITY (AIR=1): <1 | EVAPORATION RATE (N/I =1): N/I |

SOLUBILITY IN WATER-
Negligible

APPEARANCE AND ODOR INFORMATION-
Colorless liquid with slightly pungent odor.

SECTION 5 - PHYSICAL HAZARD DATA

FLASH POINT (Method Used): 80 C SCC FLAMMABLE LIMITS : Lel=N/I UEL=N/I

EXTINGUISHING MEDIA-
Water, CO2, Foam or Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES-
Wear full protective equipment including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS-
CAUTION!! Contact with cotton or wool may result in a strongly exothermic reaction which can cause burns or a fire. Material can float on water and cause fire to spread.

INCOMPATIBILITY (Materials To Avoid)-
Bases, wool and cotton.

HAZARDOUS DECOMPOSITION PRODUCTS-

Irritating gases are released during combustion.

WILL HAZARDOUS POLYMERIZATION OCCUR-

Will not occur.

CONDITIONS TO AVOID FOR POLYMERIZATION-

N/A

IS THE PRODUCT STABLE-

Yes, under normal conditions.

CONDITIONS TO AVOID FOR STABILITY-

Bases (reducing agents).

SECTION 6 - SPILL OR LEAK PROCEDURES

.....

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-

Flood with water to cause the material to cure (harden). Scrape up.

WASTE DISPOSAL METHODS-

As supplied this material is not a hazardous waste as defined by 40 CFR 261. Dispose of in an approved landfill in accordance with state and local laws.

SECTION 7 - EXPOSURE CONTROL INFORMATION

VENTILATION-

LOCAL EXHAUST: Yes.

SPECIAL.....: N/A

MECHANICAL (General): N/A

OTHER.....: N/A

RESPIRATORY PROTECTION-

Not normally needed.

PROTECTIVE GLOVES-

Polyethylene, splashproof goggles and apron not made of cotton or wool.

OTHER PROTECTIVE EQUIPMENT-

Goggles and apron. See above. Avoid cotton or wool gloves or apron.

OTHER ENGINEERING CONTROLS-

None normally needed.

WORK PRACTICES-

Work very carefully to prevent skin contact. No horseplay or unnecessary personnel should be allowed in the area.

HYGIENIC PRACTICES-

Normal good practices.

SECTION 8 - SPECIAL PRECAUTIONS
.....

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-

Store away from heat and direct sunlight. Keep container closed. Keep dry.

MAINTENANCE PRECAUTIONS-

N/A

OTHER PRECAUTIONS-

Keep out of reach of children!

ADDITIONAL COMMENTS-

Unregulated by DOT.