

10-026

MATERIAL SAFETY DATA SHEET

**HAZARD
RATING**

DATE: 11/07/89

ACER TECHNOLOGY
3420 Santa Anita Avenue
Sancho Cucamonga, CA 91730



Emergency Telephone Number:
(714) 987-0550
Telephone Number For Information:
(714) 987-0550

PRODUCT IDENTIFICATION:

*INSTANT BONDING
Adhesive*

ACER TECH:

RADIO SHACK #G40-2308A

HAZARDOUS INGREDIENTS/IDENTITY INFORMATION:

hazardous Components (Common Names, Specific Chemical Identity)	OSHA PEL	ACGIH TLV	Other Limits Recommended	% Options
AS#7085-85-0 ETHYL-2-CYANOACRYLATE	NE	NE	2-5ppm	

PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point: @ 6mm Hg.	149 F	Specific Gravity (H2O = 1):	1.05
Relative Density (Air = 1):	nil-NE	Melting Point:	NE
Vapor Pressure (mm Hg.): @ 20 C. 1		Evaporation Rate (Butyl Acetate = 1):	nil-NE

Solubility in Water:

Insoluble as material reacts to hardened mass for non-hazardous waste.

Appearance and Odor:

Transparent water-white to straw colored liquid with stimulative odor.

FLAME AND EXPLOSION HAZARD DATA:

Flash Point (Method Used):	Flammable Limits:	LEL: Non	UEL: Non
100 = 176 F.		NE	NE

Extinguishing Media:

Flush with large amounts of water or dry chemical extinguisher.

Special Fire Fighting Procedures:

Fumes may be irritating if not burning and require air supply system with goggles while applying large amounts of water or dry chemical extinguisher.

Usual Fire and Explosion Hazards:

None. Combustible requiring the above procedures.

REACTIVITY DATA:

Stability: Unstable Conditions to Avoid: Excessive heat above 176 F., moisture, and alkalines.
 Stable X

Stable up to 122 F. Store in a cool, dry place.

Incompatibility (Materials to Avoid):

Polymerized by water, alcohol, amines, alkaline materials and direct UV.

Hazardous Decomposition or Byproducts:

Typical combustible by-products of carbon monoxide and dioxide.

Hazardous May Occur Conditions to Avoid: Store in a cool place for best properties and shelf life.
 Polymerization: May Not Occur X

HEALTH HAZARD DATA:

Route(s) of Entry:	Inhalation? 2-5ppm (YES)	Skin? NO	Ingestion? LD50 = 12.2cc/kg (YES)
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Health Hazards (Acute and Chronic):

Acute - Irritates eyes, mucous membranes.

Chronic - No residual effects of acute properties.

Carcinogenicity: NTP?	IARC Monographs?	OSHA Regulated?
NO	NO *19, 187, 79	NO

*Contains PMMA #9011-14-7 - Implantation under the skin of experimental animals caused tumors

Signs and Symptoms of Exposure:

Tearing from eye irritation and mucous membranes with some coughing.

Medical Conditions Generally Aggravated by Exposure:

Pre-existing skin, eye and respiratory disorders may be aggravated by exposure.

Emergency First Aid Procedures:

Remove to fresh air. Flush areas of contact with water. Wipe away liquid adhesive where possible with residuals being rejected by soaking in water.

PRECAUTIONS FOR SAFE HANDLING AND USE:

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

Absorb with paper towels or cloth. Sweep into tray for liquid to be reacted with water for solid waste treatment. Avoid over-exposure to fumes with large spills and poor ventilation.

Waste Disposal Method:

Incinerate solid combustible waste or dump as chemical waste according to local, state and federal regulations.

Precautions to Be Taken in Handling and Storing:

Avoid moisture, direct UV-sunlight and do not store above 25 C. Keep containers closed tightly when not in use. Ideal storage is at 5-10 C.

Other Precautions:

Avoid breathing vapor, contact with eyes and skin. Do not store at -5 C which freezes product to useless state. Product not damaged by freezing.

CONTROL MEASURES:

Respiratory Protection (Specify Type):

Normally not necessary. A NIOSH approved organic vapor canister may be used.

Ventilation: Local Exhaust:

To eliminate eye irritation

Mechanical (General):

Large quantities used to 2ppm

Special:

Not necessary

Other:

Not necessary

Eye Protection:

Safety glasses with side shield

Protective Gloves:

Vinyl (polyethylene) non-sticking

Other Protective Clothing or Equipment:

Normally not used, however, apron protects clothing from hardened glue.

Work/Hygienic Practices:

Soap and water helps remove adhesive from skin.