

MSDS-INSTY-FRAME 02-04

U.S Department of Labor
MATERIAL SAFETY DATA SHEET

Manufacturer For: American Niagara/Tee Squares Emergency Telephone
Number:

CHEMTREC: 1-800-424-9300

INTERNATIONAL: 703-741-5500

Address: 6690 Jones Mill Court - Bldgs A&B Norcross, GA 30092 USA

Chemical name and synonyms: ETHYL Trade name and
synonyms:

INSTY-FRAME

Chemical family: CYANOACRYLATE ESTER Formula: N/A

Flammability: MEDIUM Health: MEDIUM Reactivity:
MEDIUM Specific Hazard: SKIN BONDING & BURNING

SECTION II-HAZARDOUS INGREDIENTS

Hazardous Mixtures of Other Liquids, Solids, or Gases

OSHA	CAS NO.	%	CARCINOGEN			
			NTP	IARC		
	ETHYL CYANOACRYLATE	7085-85-0	95-100	NO	NO	NO
	HYDROQUINONE	123-31-9	0.1-0.5	NO	N/A	NO
	POLY (Methyl Methacrylate)	9011-14-7	3-5	NO	N/A	NO

SECTION III-PHYSICAL DATA

Boiling point: More than 300-F Specific Gravity:
1.06
Vapor Pressure: Less than 0.2mm @ 75-F Percent Volatile,
by volume:
98.8%
Vapor Density: Approximately 3 Evaporation Rate:
N/A
Solubility in Water: Polymerized by water Odor: Sharp,
irritating
Appearance: Clear liquid

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point: 185 F method used-T.C.C.) Flammable Limits: LEL:
N/A UEL: N/A
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Special Fire Fighting Procedures: SELF CONTAINED BREATHING APPARATUS.
Unusual Fire and Explosion Hazards: POSSIBLE EXOTHERMIC REACTION LEADING
TO SUBSTRATE IGNITION AND FUME
GENERATION.

SECTION V-HEALTH HAZARD DATA

Threshold Limit Value: NO CRITERIA FOR MEASUREMENT. NOT YET ESTABLISHED.
ESTIMATED 2PPM
Effects of Overexposure: VAPOR IS IRRITATING TO EYES AND MUCOUS MEMBRANES

ABOVE TLV. PROLONGED AND REPEATED OVEREXPOSURE TO VAPORS MAY PRODUCE ALLERGIC REACTIONS WITH ASTHMA-LIKE SYMPTOMS IN SENSITIVE INDIVIDUALS.

Emergency and First Aid Procedures: SKIN: IMMERSER BONDED SURFACE IN WARM SOAPY WATER. PEEL OR ROLL SURFACE APART WITH AID OF BLUNT EDGE. DO NOT PULL APART WITH DIRECT OPPOSING ACTION. EYE: FLUSH WITH WARM WATER AND APPLY CAUSE PATCH. EYE WILL OPEN WITHIN 1-4 DAYS. MOUTH: APPLY WARM WATER TO MOUTH. PEEL OR ROLL LIPS APART. BURNS: SHOULD BE TREATED NORMALLY AFTER THE LUMP OF CYANOACRYLATE IS RELEASED FROM THE TISSUE. INHALATION: REMOVE TO FRESH AIR.

SECTION VI-REACTIVITY DATA

Stability: STABLE (UNDER NORMAL CONDITIONS) Conditions to avoid: AMINES, BASE MATERIALS

Hazardous Decomposition Products: NONE Hazardous

Polymerization: MAY OCCUR (EXOTHERMIC)

Incompatibility (Materials to avoid): POLYMERIZED BY CONTACT WITH WATER, ALCOHOLS, AMINES, ALKALIES.

SECTION VII-SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: FLOOD WITH WATER TO POLYMERIZE. SOAK UP WITH AN INERT ABSORBENT.

Waste disposal method: POLYMERIZE AS ABOVE. INCINERATE IN ACCORDANCE WITH EPA AND LOCAL REGULATIONS.

SECTION VIII-SPECIAL PROTECTION INFORMATION

Respiratory protection (type): NONE NEEDED FOR NORMAL USE.

Ventilation: POSITIVE DOWN-DRAFT EXHAUST VENTILATION SHOULD BE PROVIDED TO MAINTAIN VAPOR CONCENTRATION BELOW TLV.

Protective Gloves: POLYETHYLENE GLOVES, DO NOT USE COTTON GLOVES.

Eye Protection: SAFETY GLASSES OR GOGGLES.

Other protective equipment: POLYETHYLENE/POLYPROPYLENE COATS OR APRONS (NOT RUBBER OR COTTON).

SECTION IX-SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: STORE AT OR BELOW 75-F TO MAXIMIZE SHELF LIFE.

Other precautions: AVOID CONTACT WITH SKIN AND EYES. AVOID BREATHING VAPOR.

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