

Material Safety Data Sheet

CYANOACRYLATE

SECTION 1- IDENTITY

NAME Arrowhead Forensics		ADDRESS 14400 College Blvd., Lenexa, KS 66215	
TELEPHONE (913) 894-8388	FOR ADDITIONAL INFORMATION CONTACT:		DATE PREPARED: January 10, 2009
COMMON NAME (USED ON LABEL) Cyanoacrylate			CHEMICAL FAMILY: N/A (Chemical mixture)
CHEMICAL NAME: Does Not Apply	FORMULA: Does not apply	TRADE NAME & SYNONYMS: Cyanoacrylate, "SuperGlue"	

SECTION 2- HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS#	TLV	PEL
ETHYL-2-CYANOACRYLATE	7085-85-0	Not Established	Not Established
POLYMETHYL METHACRYLATE	9011-14-7	Not Established	Not Established

PEL: Permissible Exposure Limit established by Occupational Safety and Health Administration
 TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists

PHYSICAL DATA

BOILING POINT: 150F	SPECIFIC GRAVITY: 1.1	VAPOR PRESSURE: .17 @ 70F	VAPOR DENSITY: 3.9
PERCENT VOLATILE (VOL) 99%	SOLUBILITY (WATER) Polymerizes in water	REACTIVITY IN WATER: None	EVAPORATION RATE: High

APPEARANCE AND ODOR:
 A clear fluid, Viscous, Lacramating Odor

SECTION 4- FIRE AND EXPLOSION DATA

FLASH POINT: 181.4F	AUTO IGNITION TEMPERATURE UNK	FLAMMABLE LIMITS IN AIR (% by VOLUME) LOWER: UNK UPPER: UNK
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EXTINGUISHING MEDIA:
 Water Spray, Carbon Dioxide, or dry chemical powder

UNUSUAL FIRE AND EXPLOSION HAZARDS:
 Emits toxic fumes under fire conditions

SPECIAL FIRE FIGHTING PROCEDURES:
 Wear self-contained breathing apparatus and protective clothing

CONTINUED ON REVERSE SIDE

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Arrowhead Forensics & Crime Scene Supply, Incorporated shall not be held liable for any damage or injury to any party, or second party, or bystander resulting from the use, handling, or from contact with the above product..

SECTION 5- HEALTH INFORMATION

PRIMARY ROUTES OF EXPOSURE

Inhalation, ingestion, or absorption through skin

SIGNS & SYMPTOMS OF EXPOSURE
1: ACUTE OVEREXPOSURE:

May cause eye, skin, or respiratory sensitization or irritation, Lacrimator,

2: CHRONIC OVEREXPOSURE:

High concentrations are extremely destructive to tissues of mucus membranes and upper respiratory tract. Skin, Eye, or Mouth contact may result in almost immediate tissue-to-tissue bonding

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

May cause eye, skin, or respiratory irritation

CHEMICAL /COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

None

OTHER EXPOSURE LIMITS:

Not established

EMERGENCY & FIRST AID PROCEDURES:

EYES: Flush with cool tap water for at least 15 minutes holding eyelids open with fingers

SKIN: Wash thoroughly with warm water and soap

RESPIRATORY: Remove to fresh air, if distress continues, administer oxygen and contact physician

INGESTION: If person is conscious, was out mouth with warm water

IN ALL CASES IF IRRITATION OR DISTRESS PERSISTS, CONTACT PHYSICIAN OR NEAREST POISON CONTROL CENTER

SECTION 6- REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Ignition sources, high temperatures, open flame, sunlight, skin contact

INCOMPATIBILITY (MATERIALS TO AVOID)

Reducing Agents, sensitive to light, water

HAZARDOUS DECOMPOSITION PRODUCTS:

Toxic Fumes of carbon Monoxide, Carbon Dioxide, and cyanide compound under fire conditions.

HAZARDOUS POLYMERIZATION:

May occur

CONDITIONS TO AVOID (POLYMERIZATION)

Heat, Moisture, Free Radical Initiators

SECTION 7- SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED:

Eliminate all sources of ignition. Wear protective equipment. For small spills, absorb on paper towels, burn the absorbed material in an incinerator fitted with a chemical scrubber.

WASTE DISPOSAL METHOD:

Dispose of wastes in accordance with current Federal, State, and Local codes and guidelines.

SECTION 8- PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

Use NIOSH/MSHA Approved Organic Vapor Respirator

VENTILATION:

Additional ventilation is recommended.

PROTECTIVE GLOVES:

Chemical resistant gloves

EYE PROTECTION:

Suggested

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

An eye wash fountain and safety shower should be readily available where the potential for splashes or eye contact with the reagent exists

SECTION 9- SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store and handle according to package and MSDS directions. Store in cool, well-ventilated area. Keep away from reactive materials and away from fire hazard or source of ignition.

OTHER PRECAUTIONS:

Do not ingest, get in eyes, on skin, or on clothing. Avoid breathing vapor. Wash thoroughly after handling.

HIGH CONCENTRATIONS ARE EXTREMELY DESTRUCTIVE TO TISSUES OF MUCUS MEMBRANES AND UPPER RESPIRATORY TRACT. SKIN, EYE, OR MOUTH CONTACT MAY RESULT IN ALMOST IMMEDIATE TISSUE-TO-TISSUE BONDING

TRANSPORTATION

Shipping Name: ADHESIVE Hazard Class: 3 UN# 1133 Packing Group: III

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