

Material Safety Data Sheet

CYANOACRYLATE ACCELERATOR

SECTION 1- IDENTITY

NAME Arrowhead Forensics		ADDRESS 14400 College Blvd., Lenexa, KS 66215	
TELEPHONE (913)894-8388	FOR ADDITIONAL INFORMATION CONTACT:		DATE PREPARED: January 1, 2009
COMMON NAME (USED ON LABEL) Cyanoacrylate Accelerator,			CHEMICAL FAMILY: N/A (Chemical mixture)
CHEMICAL NAME: Does Not Apply	FORMULA: Does not apply	TRADE NAME & SYNONYMS: Cyanoacrylate Accelerant,	

SECTION 2- HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS#	TLV	PEL
SODIUM HYDROXIDE	1310-73-2	2mg/m3	2mg/m3
SILICA, AMORPHOUS	7631-86-9	10mg/m3	6mg/m3
TREAT AS A NUISANCE DUST			

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: N/A	SPECIFIC GRAVITY: N/A	VAPOR PRESSURE: N/A	VAPOR DENSITY: N/A
PERCENT VOLATILE (VOL) None	SOLUBILITY (WATER) 90%+	REACTIVITY IN WATER: Partially Dissolves	EVAPORATION RATE: N/A

APPEARANCE AND ODOR:
Gret TO Brown Fibrous powder, No odor

SECTION 4- FIRE AND EXPLOSION DATA

FLASH POINT: Not-combustible	AUTO IGNITION TEMPERATURE N/A	FLAMMABLE LIMITS IN AIR (% by VOLUME) LOWER: N/A UPPER: N/A
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EXTINGUISHING MEDIA:
Not combustible

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Not combustible

SPECIAL FIRE FIGHTING PROCEDURES:
None

CONTINUED ON REVERSE SIDE

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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 irritation

2: CHRONIC OVEREXPOSURE:

None known

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
SKIN: Wash thoroughly with warm water
RESPIRATORY: Remove to fresh air, if distress continues, administer oxygen and contact physician
INGESTION: Drink large amounts of water, do not induce vomiting

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

SECTION 6- REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

High Heat

INCOMPATIBILITY (MATERIALS TO AVOID)

Hydrofluoric Acid, Peroxy organic acids, Fuming Sulfuric Acid, and Fuming Nitric Acid

HAZARDOUS DECOMPOSITION PRODUCTS:

Reaction with hydrofluoric Acid may produce SiF₄ Vapors

HAZARDOUS POLYMERIZATION:

Will not occur

CONDITIONS TO AVOID (POLYMERIZATION)

Not applicable for polymerization

SECTION 7- SPILL OR LEAK PROCEDURES

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

Cleanup spill in a manner to minimize dust. Reuse product or place in sealed labelled container for reuse.

WASTE DISPOSAL METHOD:

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

SECTION 8- PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

NIOSH/MSHA Approved Nuisance Dust Respirator is highly recommended

VENTILATION:

Room ventilation is expected to be adequate except during spills or fires.

PROTECTIVE GLOVES:

Chemical resistant gloves

EYE PROTECTION:

Suggested when the potential of splashes or contact with the eyes or face is possible

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 dust or vapor. Wash thoroughly after handling. Store in cool dry place. Prolonged storage may cause caking.

TRANSPORTATION

Shipping Name: Sodium Hydroxide, Solid Hazard Class: 8 UN# 1823 Packing Group: II

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