

MATERIAL SAFETY DATA SHEET

Stick Fast™ CA ACTIVATOR

EMERGENCY PHONE: 1-800-255-3924**1. GENERAL INFORMATION:**

Product name: CA ACTIVATOR (with heptane solvent)
General Description: Cyanoacrylate Accelerator

2. COMPOSITION:

Ingredient:	CAS #	%
N-Heptane	142-82-5	>80.0
Substituted Amidine	99-97-8	0.01-0.05

3. CHEMICAL AND PHYSICAL PROPERTIES:

Appearance:	Clear liquid
Odor:	Aliphatic Odor
Specific Gravity:	0.68
Boiling Point:	205-210 deg F
Solubility in Water:	Immiscible
Vapor Density:	3.45
Vapor Pressure:	35 mm Hg @ 68 deg F
Percent Volatile (EPA Method 24):	99.9%; 680 grams/liter
Evaporation Rate (Ether =1):	2.7

4. FIRE AND EXPLOSION HAZARD DATA:

Flash Point:	30 deg F	
Flammable Limits:	LEL = N/A UEL = N/A	
Extinguishing media:	Carbon Dioxide, dry chemicals, water	
Special Fire Fighting Procedures:	None	
Unusual Fire and Explosion Hazards:	None	
Hazardous products formed by fire or thermal decomposition:	Irritating organic vapors	
Explosive limits:		
% by volume in air (lower)	1.1%	
% by volume in air (upper)	6.7%	
HMIS Health 1	Flammability 3	Reactivity 0
NFPA Health 1	Fire Hazard 3	Reactivity 0

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5. HEALTH HAZARD DATA:

First Aid Eye: Flush eye with water for 15 minutes. Obtain medical attention.
Skin: Wash exposed skin with soap and water.
Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.
Ingestion: Induce vomiting. Obtain medical attention.

Toxicity: Eye irritant. Anesthetic. Moderately toxic by ingestion. Residue after evaporation of solvent destructive to tissue of the mucous membranes, and upper respiratory tract, eyes and skin

6. SPECIAL PROTECTION INFORMATION:

Ventilation: Adequate to avoid exceeding TLV.
Gloves: Rubber or plastic gloves
Eye: Safety Glasses or Goggles

7. REACTIVITY DATA:

Stability: Stable
Incompatibility: Strong Oxidizers
Hazardous Decomposition: None
Hazardous Polymerization: Will not occur

8. SPILL OR LEAK PROCEDURES:

Steps to be taken in case material is released or spilled:
Maintain good ventilation. Avoid ignition sources. Soak up remainder in an inert absorbent and store in a closed container until disposal.

Disposal method:
Incinerate following EPA federal, state and local regulations.

9. STORAGE AND HANDLING PROCEDURES:

Storage: Store below 120 deg F in a tightly closed container away from oxidizing materials and sources of ignition.
Shelf Life: One year when stored properly in original sealed container.

KEEP AWAY FROM CHILDREN

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10. SHIPPING AND HANDLING PROCEDURES:

DOT (49CFR 172)

Domestic Ground Transportation

Proper Shipping Name:	Consumer Commodity (Not more than One liter);	
Primary routes of entry:	Heptane; inhalation, ingestion, contact	
Symptoms of exposure:	Dizziness, anesthesia, unconsciousness.	
Exposure limits (TWA)	ACGIH (TLV)	OSHA (PEL)
	400 ppm (TWA)	500 ppm (TWA)
N-Heptane	1640 mg/M3	2000 mg/M3
Exposure limits (STEL)	500 ppm	500ppm
	2050 mg/m	2000 mg/M3

Ingredients for which no Exposure Limits have been established are not listed

Ingredients:	Target organ health effects	Carcinogen		
		NTP	IARC	OTHER
N-Heptane	Nervous System	NO	NO	NO
Substituted Amidine	No Data	NO	NO	NO

Hazard Class or Division:	Heptane Solution (More than one liter)
Identification Number:	ORM-D (Not more than one liter) Class 3, Packing group II
	UN None (Not more than one liter)
	UN 1206 (More than one liter)

Marine Pollutant: None

IATA

Proper shipping name:	Heptane Solution
Class or division:	Class 3, Packing Group II
UN or ID number:	UN 1206

10. STABILITY AND REACTIVITY:

Stability:	Stable
Hazardous Polymerization	Will not occur
Incompatibility:	Strong Oxidizers
Hazardous decomposition Products:	(Non-thermal); None

DISCLAIMER

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof. Because the information contained herein may be applied under conditions beyond our control, we assume no responsibility for its use