

MATERIAL SAFETY DATA SHEET
STICK FAST™**CYANOACRYLATE ADHESIVE ACTIVATOR - AEROSOL****EMERGENCY PHONE: 1-800-255-3924****HMIS: Health 2 Flammability 3 Reactivity 0****1. GENERAL INFORMATION:**Product name: ACTIVATOR
General Description: Cyanoacrylate Accelerator**2. COMPOSITION:**

Ingredient:	CAS #	%
Acetone	67-64-1	97
DMPT	99-97-8	3.0

3. CHEMICAL AND PHYSICAL PROPERTIES:

Appearance:	Clear liquid
Odor:	Sweet pungent odor
Specific Gravity:	0.79
Boiling Point:	133°F
Solubility in Water:	Immiscible
Vapor Density:	2.0
Vapor Pressure:	213mm @ 77°F; 56mm @ 23°F
Percent Volatile (EPA Method 24):	100
Evaporation Rate (Ether =1):	<1

4. FIRE AND EXPLOSION HAZARD DATA:

Flash Point:	0°F (Method TCC)		
Flammable Limits:	LEL = 2.6	UEL = 13.0	
Extinguishing media:	Carbon Dioxide, dry chemicals, foam, water fog		
HMIS: Health 2	Flammability 3	Reactivity 0	
NFPA: Health 2	Fire Hazard 3	Reactivity 0	

Special Fire Fighting Procedures:

Extremely Flammable. Do not enter confined space without helmet, face shield, bunker coat, gloves, rubber boots and a positive pressure NIOSH-approved self-contained breathing apparatus.

MATERIAL WILL READILY IGNITE AT AMBIENT TEMPERATURES.**Unusual Fire and Explosion Hazards:**Container exposed to intense heat from the fire should be cooled with water to prevent vapor pressure buildup which could result in container rupture. Containers exposed to flame or heat should be cooled with a water spray to cool them down. **EXTREMELY FLAMMABLE**

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Eye Contact:	IRRITATING AND WILL INJURE EYE TISSUE IF NOT FLUSHED PROMPTLY.		
Skin Contact:	Frequent or prolonged contact may irritate and cause dermatitis. Low order of toxicity.		
Inhalation:	High vapor concentrations are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system effects.		
Ingestion:	Minimal toxicity, small amounts of the liquid aspirated into the respiratory tract during ingestion, or from vomiting may cause bronchopneumonia or pulmonary edema. Aerosol spray ingestion unlikely.		
Carcinogenic:	This product contains low levels, up to 50ppm of benzene. Benzene is listed as a human carcinogen by OSHA, IARC and NTP.		
Exposure Limits:	ACGIH (TVL)	OSHA (PEL)	OTHER
Acetone	750ppm TWA 1000ppm STEL	750ppm TWA 1000ppm STEL	None

6. REACTIVITY DATA:

Stability:	Normally stable.
Condition to avoid	Keep away from strong oxidizing agents and sources of ignition.
Hazardous Decomposition:	Carbon monoxide, carbon dioxide upon complete combustion
Hazardous Polymerization:	Will not occur
Incompatibility:	Caustic, amines, alkanolamines, aldehydes, ammonia, strong oxidizing agents, and chlorinated compounds.

7. SPILL OR LEAK PROCEDURES:

Steps to be taken in case material is released or spilled:

Evacuate the hazard area of unprotected personnel. Dike and contain any spills. If vapor cloud forms, a water fog may be used to suppress: contain run-off. Soak up any residue with inert absorbent such as clay, sand or other suitable materials. Place in a non-leaking container and seal for proper disposal. Prevent liquid from entering sewer, watercourses, or low areas. DO NOT use combustible materials such as sawdust. Recover by pumping (USE EXPLOSION PROFF OR HAND PUMPS, MAKE SURE THEY ARE GROUNDED PROPERLY) or with suitable absorbent. Disposal of material should be according to federal, state and local EPA regulations

Reportable Quantity:

5,000 pounds. If the reportable quantity of this product is accidentally spilled, the incident is subject to the provisions of CERLA and must be reported to the National Response Center By calling (800) 424-8802

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Storage: Store in a cool dry place. Keep material away from a source of ignition. Keep container closed. Store in accordance with OSHA Regulation 29 CFR 1910.106 in a cool, well-ventilated location equipped with automatic sprinklers or fire extinguishing system.

Handling: Always wear recommended personal protective equipment. Electrically ground all handling equipment. Avoid prolonged or repeated breathing of vapors. Avoid contact with eye or skin. Wash with soap and water before smoking or eating. Observe OSHA regulations on exposure limits.

9. SHIPPING REGULATIONS:

Domestic Ground Transportation

Proper Shipping Name: Consumer Commodity ORMD (Not more than one liter).

US DOT HAZARD CLASS: Class 3 Flammable Liquid, Packing Group II

US DOT ID NUMBER: UN1090

10 EMERGENCY TREATMENT PROCEDURES:

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Seek prompt medical attention

Skin Contact: Remove contaminated clothing and shoes. Wipe excess from skin and flush with water using soap if available. Seek medical attention if irritation occurs. DO NOT reuse clothing until thoroughly decontaminated.

Inhalation: Remove victim to fresh air and treat symptomatically, provide oxygen if breathing is difficult. Give resuscitation or CPR if required. Seek prompt medical attention.

Ingestion: First aid is normally not required

Toxicity:

<u>Route</u>	<u>Animal</u>	<u>DATA</u>
Oral	mouse	LD50/50 3,000 mg/kg
Dermal	rat	LD50/50 5,800 mg/kg
Inhalation	rabbit	LD50/50 5,300 mg/kg
Eye	human	500ppm
Skin	rabbit	500 mg/24hrs – reaction mild

Delayed (Subchronic & Chronic) effects:

No data available. Acetone is not known to produce chronic or cumulative systemic effects.

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11. EMPLOYEE PRTECTION:

RESPIRATORY PROTECTION:

Use ventilation as required to control vapor concentrations at least 10 air changes per hour are recommended for good general ventilation. If exposure exceeds the PEL/TLV, use the appropriate NIOSH approved respirator.

PROTECTIVE CLOTHING:

Wear safety glasses, goggles or a splash shield to prevent eye contact. CONTACT LENSES SHOULD NOT BE WORN. Wear appropriate gloves and protective clothing to prevent contact with skin and clothing.

ADDITIONAL PROTECTIVE MEASURES:

Eye wash fountains and safety shower should be available for use in emergency.

12. ADDITIONAL INFORMATION:

RCRA:

RCRA hazardous waste ID number U 002 and D 001

Toxic Substance Control Act (TSCA)

TSCA inventory status:

Acetone is listed on the TSCA inventory

Other TSCA issues:

Subject to export notification

RQ & TPQs:

“Report Quantities” (RQ) and/ or “Threshold Planning Quantities (TPQ) exist for the following ingredients:

<u>Ingredients</u>	<u>SARA/CERLA RQ (lbs)</u>	<u>SARA EHS TPO (lbs)</u>
Acetone	5,000	None

Spills/release resulting in the loss of any ingredients at or above its RQ requires immediate notification to the National Response Center (800)424-8802 and your Local Emergency Planning Committee.

DISCLAIMER

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