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# Material Safety Data Sheet Frame Fast® 304 Aerosol Activator



## 1- Chemical Product and Company Identification:

Product Name: **Frame Fast® Aerosol Activator #304**  
 Product Type: **Cyanoacrylate Accelerator**  
 Date revised: **8/12/2013**  
 Emergency Number: **800-535-5053**

## 2- Composition/Information on Ingredients:

<u>Hazardous Component</u>	<u>CAS Number</u>	<u>%</u>
Acetone	67-64-1	60-80
N-Butane	106-97-8	10-15
Propane	74-98-6	10-15
N,N-Dimethyl-P-Toluidine	99-97-8	0.5-1.0

<u>Exposure Limits (TWA)</u>	<u>ACGIH (TLV)</u>	<u>OSHA (PEL)</u>
Acetone	500 ppm TWA	1000 ppm TWA
N-Butane	800 ppm TWA	800 ppm TWA
Propane	1000 ppm TWA	1000 ppm TWA

## 3- Hazards Identification:

Potential Health Effects: Possible eye and respiratory irritant. Narcotic at high concentrations. Prolonged inhalation may cause headaches. Moderately toxic by ingestion. Liquid may dry out skin.

Primary routes of Entry: Inhalation, Ingestion, contact.

Signs of exposure: Vapors irritate eyes, nose, and throat. Liquid is an eye irritant and may irritate skin.

## 4- First Aid Measures:

Ingestion: Give water to dilute. Do not induce vomiting. Keep individual calm and seek medical attention.  
 Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.  
 Skin contact: Remove contaminated clothing and shoes. Wash skin in soap and water.  
 Eye contact: Flush with warm water for at least 15 minutes. Seek medical attention.

## 5- Fire Fighting Measures:

Flash Point: -4F, Tag Closed Cup  
 Extinguishing Media: Foam, Dry Chemical or Carbon Dioxide  
 Unusual Fire or Explosion Hazards: Vapors may accumulate in low or confined areas, travel to sources of ignition and flash back. Closed containers may rupture when exposed to excessive heat.

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Special Fire Fighting Procedures: Use water spray to cool down fire exposed containers

Hazardous combustion products: Oxides of carbon and nitrogen.

#### **6-Accidental Release Measures**

Clean up methods: Remove all sources of ignition. Vapors are heavier than air and can travel a considerable distance to an ignition source. Soak up spill with an inert material (clay, sand, sawdust) and store in a closed metal container until ready for disposal.

#### **7- Handling and Storage:**

Safe storage: Store away from flame and sparks. Avoid storing in areas over 80°F.

Handling: Keep container tightly closed. Avoid contact with skin. Avoid breathing vapors.  
Do not use around heat, sparks, or open flame.

#### **8- Protective Equipment:**

Ventilation: Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

Respiratory protection: Use NIOSH approved respirator if there is potential to exceed exposure limits.

Skin: Chemical resistant, impermeable gloves.

Eye protection: Safety glasses or goggles with side shields.

#### **9- Physical and Chemical Properties:**

Appearance: Clear liquid

Odor: Sharp, pungent

Boiling Point: 133°F

Vapor Pressure: 180 mmHg @68°F

Vapor Density: approximately 2

Evaporation rate: 1.9 (ether=1)

Specific Gravity: 0.9 @ 77°F

Solubility in water: Miscible

Volatile Organic Compound: (EPA Method 24) 1.02%

#### **10- Stability and Reactivity**

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatibility: Avoid contact with strong oxidizing agents.

#### **11- Toxicological Information**

See Section 3

#### **12-Ecological Information**

No Data

#### **13- Disposal Considerations:**

Disposal procedures: Incinerate or dispose of in an approved landfill in accordance with local and EPA regulations.

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**14- Transportation Information:**

Domestic Ground Transport:

Proper shipping name: Aerosols, flammable  
 Hazard class or division: 2.1  
 Identification number: UN 1950  
 Packing group: None  
 Exceptions: Consumer commodity ORM-D (not more than 1 liter)  
 DOT reportable quantity: Acetone (CAS number 67-64-1) is reportable at 5000 pounds (2270 kg).

International Air Transportation (ICAO/IATA):

Proper shipping name: Aerosols, flammable  
 Hazard class or division: 2.1  
 Identification number: UN 1950  
 Packing Group: None

Water transportation (IMO/IMDG):

Proper shipping name: Aerosols, flammable  
 Hazard Class or Division: 2.1  
 Identification number: UN 1950  
 Packing Group: None  
 Marine pollutant: None

**15- Regulatory Information**

TSCA 8b Inventory status: All components are listed or exempt  
 CERCLA/SARA Section 302 EHS: None above reporting de minimus  
 CERCLA/SARA Section 311/312: Immediate health hazard, Delayed health hazard, Fire  
 CERCLA SARA 313: None  
 Canada DSL/NDSL: All components are listed or exempt  
 WHMIS hazard class: A, B.2, D.2.A, D.2.B

**16: Other Information:**

Hazard	NFPA Hazard Code®	HMIS Hazard Code®
Health	2	2
Fire	4	4
Reactivity	0	0
Specific Hazard	N/A	Personal Protection See Section 8

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