

Cyberbond



**Frame Fast
303**

MATERIAL SAFETY DATA SHEET

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1 - Chemical Product and Company Identification

<i>Product Name</i>	Frame Fast 303	<i>Product Type</i>	Cyanoacrylate Accelerator
<i>Date Revised</i>	7/31/2013	<i>Emergency Number</i>	800-535-5053

2 - Composition/Information on Ingredients

<i>Hazardous Component</i>	<i>CAS Number</i>	<i>%</i>
Acetone	67-64-1	99-100
N,N-Dimethyl-P-Toluidine	99-97-8	0.5-1.0

<i>Ingredients which Have Exposure Limits Exposure Limits (TWA)</i>	<i>ACGIH (TLV)</i>	<i>OSHA (PEL)</i>	<i>OTHER</i>
Acetone	500 ppm TWA	100 ppm TWA	none

3 - Hazards Identification

<i>Toxicity:</i>	Possible eye and respiratory irritant. Narcotic at high concentrations. Prolonged inhalation may cause headaches. Moderately toxic by ingestion. Liquid may dry out skin. May cause central nervous system effects.
<i>Primary Routes of Entry:</i>	Skin contact, eye contact, inhalation.
	Vapors irritate eyes, nose and throat. Liquid is an eye and skin irritant. Dizziness and nausea are also

<i>Signs of Exposure:</i>	vapors irritate eyes, nose and throat. Liquid is an eye and skin irritant. Dizziness and nausea are also indicators.
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4 - First Aid Measures

<i>Ingestion:</i>	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<i>Inhalation:</i>	If inhaled move person to fresh air. If the person is not breathing give artificial respiration. Consult a physician.
<i>Skin Contact:</i>	Remove contaminated clothing and shoes. Wash skin in soap and water.
<i>Eye Contact:</i>	Flush in warm water for at least 15 minutes. Seek medical attention.

5 - Fire Fighting Measures

<i>Flash Point:</i>	-4°F, Method: Tag Closed Cup
<i>Extinguishing Media:</i>	Foam, Dry Chemical, or Carbon Dioxide
<i>Unusual Fire or Explosion Hazards:</i>	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.
<i>Special Fire Fighting Procedures:</i>	Use water spray to cool down fire-exposed containers.
<i>Hazardous Products Formed by Fire or Thermal Decomposition:</i>	Oxides of carbon and nitrogen.

6 - Accidental Release Measures

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.

<i>Steps to be taken in case of spill or leak:</i>	Avoid flame and sparks. Maintain adequate ventilation. Collect in suitable and properly labeled containers. Use non-sparking tools for clean up. Ground and bond all containers and handling equipment. Pump with explosion- proof equipment. Use foam to smother or suppress.
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7 - Handling and Storage

<i>Safe Storage:</i>	Store away from flame and sparks. Avoid storing in areas over 80°F.
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<i>Handling:</i>	Keep container tightly closed. Avoid contact with skin. Avoid breathing vapors. Do not use around heat, sparks or open flame.
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8 - Protective Equipment

<i>Ventilation:</i>	Use local ventilation if general ventilation is insufficient to maintain vapor concentration below
<i>Respiratory Protection:</i>	Use NIOSH approved respirator if there is potential to exceed exposure limits.
<i>Skin:</i>	Chemical resistant, impermeable gloves.
<i>Eye Protection:</i>	Safety glasses or goggles with side shields.

9 - Physical and Chemical Properties

<i>Appearance:</i>	Clear liquid
<i>Odor:</i>	Sharp, pungent
<i>Boiling Point:</i>	133°F
<i>Vapor Pressure:</i>	185mmHg @ 68°F
<i>Vapor Density:</i>	approximately 2
<i>Evaporation Rate:</i>	1.9 (ether = 1)
<i>Specific Gravity:</i>	.9 @ 77°F
<i>Solubility in Water:</i>	Miscible
<i>VOC Content (EPA Method 24):</i>	0.0102

10 - Stability and Reactivity

<i>Stability:</i>	Stable
<i>Hazardous Polymerization/ Decomposition:</i>	Will not occur
<i>Incompatibility:</i>	Avoid contact with strong oxidizing agents.

11 - Toxicological Information

See section 3

12 - Ecological Information

Biodegradability: 100% 5d

13 - Disposal Considerations

<i>Disposal Procedures:</i>	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:

<i>Proper shipping name:</i>	Acetone
<i>Hazard Class or Division:</i>	3
<i>Identification Number:</i>	UN 1090
<i>Packaging Group:</i>	II
<i>Exceptions:</i>	Consumer commodity ORM-D (not more than 1 liter)
<i>DOT Reportable Quantity:</i>	Acetone (CAS# 67-64-1) is reportable at 5000 lbs (2270 kg)

International Air Transportation (ICAO/IATA):

<i>Proper shipping name:</i>	Acetone
<i>Hazard Class or Division:</i>	3
<i>Identification Number:</i>	UN 1090
<i>Packaging Group:</i>	II
<i>Exceptions:</i>	Consumer commodity ID8000 (not more than 500 mL)

Water Transportation (IMO/IMDG):

<i>Proper shipping name:</i>	Acetone
<i>Hazard Class or Division:</i>	3

<i>Hazard Class or Division:</i>	3
<i>Identification Number:</i>	UN 1090
<i>Packaging Group:</i>	II
<i>Marine Pollutant:</i>	None

15 - Regulatory Information

US Federal Regulations:

<i>TSCA 8b Inventory Status:</i>	All components are listed or exempt		
<i>CERCLA/SARA Section 302 EHS:</i>	None above reporting de minimus		
<i>CERCLA/SARA Section 311/312:</i>	Immediate health hazard, delayed health hazard, Fire		
<i>CERCLA/SARA 313:</i>	None		
<i>CERCLA RQ (Reportable Quantity):</i>	<i>Reference</i> 40 CFR 302.4 (a)	<i>Component</i> Acetone	<i>Reportable Quantity (lbs)</i> 5000

International Regulations:

<i>Inventory Status:</i>	All components are listed on or exempt from listing on the TSCA inventory.		
<i>Canada DSL/NDL</i>	Listed		
<i>WHMIS Hazard Class:</i>	B.2, D.2.A, D.2.B		
<i>EINECS:</i>	Listed		
<i>DSL:</i>	Listed		

State and Local Regulations:

<i>None</i>			
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16 - Other Information

<i>Hazard:</i>	<i>NFPA Hazard Code</i>	<i>HMIS Hazard Code</i>
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<i>Health:</i>	2	2
<i>Fire:</i>	3	3
<i>Reactivity:</i>	0	0
<i>Specific Hazard:</i>	N/A	Personal Protection; See Section 8

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