

Cypox Bonding System

Activator 202-2
Activator 201-6

MATERIAL SAFETY DATA SHEET

Gowest2 International, LLC www.cypox.com 866-297-6948

1 - Chemical Product and Company Identification

Product Name	Activator 202-2, Activator 201-6	Product Type	Cyanoacrylate Accelerator
Date Revised	9/1/10	Emergency Number	800-535-5053

2 - Composition/Information on Ingredients

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

Ingredients which Have Exposure Limits

Exposure Limits (TWA)	ACGIH (TLV)	OSHA (PEL)	OTHER
Acetone	500 ppm TWA	100 ppm TWA	none

3 - Hazards Identification

Toxicity:	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.
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 in warm water for at least 15 minutes. Seek medical attention.

5 - Fire Fighting Measures

Flash Point:	-4°F, Method: 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.
Special Fire Fighting Procedures:	Use water spray to cool down fire-exposed containers.

Hazardous Products Formed
by Fire or Thermal
Decomposition:

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.

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: 185mmHg @ 68°F

Vapor Density: approximately 2

Evaporation Rate: 1.9 (ether = 1)

Specific Gravity: .9 @ 77°F

Solubility in Water: Miscible

VOC Content (EPA Method 24): 0.0102

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.

14 - Transportation Information

Domestic Ground Transport:

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

14 - Transportation Information (Continued)

International Air Transportation (ICAO/IATA):

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

Water Transportation (IMO/IMDG):

Proper shipping name: Acetone
Hazard Class or Division: 3
Identification Number: UN 1090
Packaging Group: II
Marine Pollutant: None

15 - Regulatory Information

US Federal Regulations:

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

<i>CERCLA RQ (Reportable Quantity):</i>	<i>Reference</i>	<i>Component</i>	<i>Reportable Quantity (lbs)</i>
	40 CFR 302.4 (a)	Acetone	5000

International Regulations:

<i>Inventory Status:</i>	Not determined
<i>Canada DSL/NDL</i>	All components are listed or exempt
<i>WHMIS Hazard Class:</i>	B.2, D.2.A, D.2.B

State and Local Regulations:

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

<u>Hazard:</u>	<u>NFPA Hazard Code</u>	<u>HMIS Hazard Code</u>
<i>Health:</i>	2	2
<i>Fire:</i>	4	4
<i>Reactivity:</i>	0	0
<i>Specific Hazard:</i>	N/A	Personal Protection; See Section 8

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