
 MATERIAL SAFETY DATA SHEET

For screen printing inks as required under 29 CFR 1910.1200 (g).

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HMIS RATINGS
 HEALTH-----2
 FLAMMABILITY-----4
 REACTIVITY-----0

EMERGENCY PHONE NUMBER:
 (816) 587-8178

1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: XPB-ACT Instant Adhesive Activator 11 oz.
 Product Type: Cyanoacrylate Accelerator
 Date Revised: 9/11/06

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	0.1-0.5

<u>Exposure Limits (TWA)</u>	<u>ACGIH (TLV)</u>	<u>OSHA (PEL)</u>	<u>OTHER</u>
Acetone	500 ppm TWA	1000 ppm TWA	750 ppm STEL
N-Butane	1000 ppm TWA	Not Estab.	Not Estab.
Propane	1000 ppm TWA	1000 ppm TWA	Not Estab.
N,N-Dimethyl-P-Toluidine	Not Estab.	Not Estab.	Not Estab.

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.

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: -4°F, 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 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: 172 mmHg @ 68°F
Vapor Density: Approximately 2
Evaporation Rate: 1.9 (ether=1)
Specific Gravity: 0.9 @ 77°F (7.49 lbs./gallon)
Solubility in Water: Miscible

Volatile Organic Compound: 1.02%
(EPA Method 24) Note: Acetone is an exempt VOC per SCAQMD Rule 102.

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: Aerosols, flammable
Hazard Class or Division: 2.1
Identification Number: UN1950
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: UN1950
Packing Group: None
Exceptions: Consumer commodity ID8000 (not more than 500 ml)

Water transportation (IMO/IMDG):
Proper Shipping Name: Aerosols, flammable
Hazard Class or Division: 2.1
Identification Number: UN1950
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: B.2, D.2.A, D.2.B

16 - OTHER INFORMATION:

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