



401 N. Raddant Rd.
 Batavia, IL 60510
 ph: 630-761-8900
 fx: 630-761-8989

Material Safety Data Sheet

Apollo BLAST 6001

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1- Chemical Product and Company Identification:

Product Name: **Apollo BLAST 6001**
 Product Type: Cyanoacrylate Accelerator
 Date revised: 09/01/08
 Emergency Number: 800-535-5053

2- Composition/Information on Ingredients:

<u>Hazardous Component</u>	<u>CAS Number</u>	<u>%</u>
Heptane	142-82-5	70-80
Acetone	67-64-1	20-30
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>
Heptane	400 ppm	500 ppm	no data
Acetone	750 ppm	750 ppm	none
N,N-Dimethyl-P-Toluidine	no data	no data	no data

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: Wash in warm water.
 Eye contact: Flush with warm water. Seek medical attention.

5- Fire Fighting Measures:

Flash Point: 20-30°F, Tag Closed Cup
 Extinguishing Media: Foam, Dry Chemical or Carbon Dioxide
 Unusual Fire or Explosion Hazards: None.
 Special Fire Fighting Procedures: N/A.
 Hazardous Products Formed by Fire or Thermal decomposition: Irritating Organic Vapors

Material Safety Data Sheet

Apollo BLAST 6001

6-Accidental Release Measures

Steps to be taken in case of spill or leak: Avoid flame and sparks. Maintain adequate ventilation. Soak up in an inert absorbent and store in a closed container until disposal.

7- Handling and Storage:

Safe storage: Store away from flame and sparks.
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: Local exhaust ventilation recommended to maintain vapor level below TLV.
Respiratory protection: Not applicable with good local exhaust.
Skin: Polyethylene or non-reactive 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: 181.7mmHg @68°F
Vapor Density: n/a
Evaporation rate: Slower than ethyl ether
Specific Gravity: .877 @ 77°F
Solubility in water: Miscible
Volatile Organic Compound:
(EPA Method 24) < 80.0%

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: Heptanes Solutions
Compounds, Cleaning, Liquid (more than one liter)

Material Safety Data Sheet

Apollo BLAST 6001

Hazard class or division: ORM-D (Not more than one liter)
Class 3, Packing Group II (More than one liter)
Identification number: None (Not more than one liter)
UN 1206 (More than one liter)
Marine pollutant: No

15- Regulatory Information

US Federal Regulations

TSCA (Toxic Substances Control Act) Status
TSCA (United States) The intentional ingredients of this product are listed.
CERCLA RQ (Reportable Quantity) – 40 CFR 302.4 (a)

<u>Component</u>	<u>RQ (lbs.)</u>
Acetone	5000

SARA 302 Components – 40 CFR 355 Appendix A: NONE

Section 311/312 Hazard Class – 40 CFR 370.2
Immediate(x) Delayed(x) Fire(x) Reactive() Sudden Release of Pressure()

SARA 313 Components – 40 CFR 372.65: NONE

International Regulations

Inventory Status: Not Determined

State and Local Regulations

CA Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains the following substance known to the state of California to cause reproductive harm; None

16: Other Information:

Hazard	NFPA Hazard Code®	HMIS Hazard Code®
Health	1	1
Fire	3	3
Reactivity	0	0
Specific Hazard	N/A	Personal Protection See Section 8

NFPA is a registered trademark of the National Fire Protection Association.

HMIS is a registered trademark of the National Paint and Coatings Association.

Prepared by: Cyberbond Regulatory Department
Company: Cyberbond L.L.C. • 401 North Raddant Road • Batavia, IL 60510
Phone: 630-761-8900 /Fax: 630-761-8989