

**AMERICAN INTERNATIONAL INDUSTRIES**

2220 GASPAR AVENUE

LOS ANGELES, CA 90040

CHEM-TEL: (800) 255-3924

**MATERIAL SAFETY DATA SHEET**

<b>PRODUCT NAME:</b>	<b>IBD 5 Second Pink Brush-On Nail Glue</b>	<b>DATE:</b>	<b>9/14/2004</b>
<b>ITEM NUMBER:</b>	<b>12518</b>	<b>REV.</b>	<b>NEW</b>

**Section 1. Material Identification and Information****Hazardous Ingredients:**

Component	CAS #	%	TOXICOLOGICAL DATA
Ethyl 2-Cyanoacrylate	7085-0	95-100	ACGIH TVL/TWA: 0.2ppm

**Section 2. Physical / Chemical Characteristics**

<b>Appearance:</b>	Dark Pink Liquid	<b>Melting Point:</b>	
<b>Odor:</b>	Acrid	<b>Evaporation Rate:</b>	N/A
<b>Boiling Point:</b>	> 190°C / 374°F	<b>Water Reactive:</b>	N/A
<b>Solubility in Water:</b>	Insoluble	<b>pH:</b>	Basic
<b>Specific Gravity:</b>	1.05	(1% Solution/Water)	
(H <sub>2</sub> O = 1)	N/A	<b>VOC:</b>	1%
<b>Vapor Pressure:</b>	The highest known value is 0kPa (@ 20°C) (Ethyl 2-Cyanoacrylate)		
(mm Hg and Temperature)			
<b>Vapor Density:</b>	The highest known value is > 1 (Ethyl 2-Cyanoacrylate)		
(Air = 1)			

**Section 3. Fire and Explosion Hazard Data**

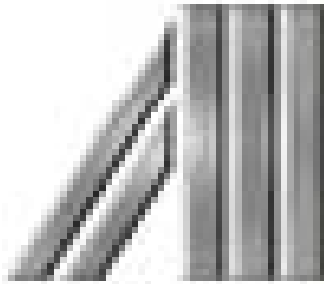
<b>Flash Point and Method Used:</b>	The lowest known value is 79°C / 172.2°F (Closed Cup) (Ethyl 2-Cyanoacrylate)
<b>Flammability of the Product:</b>	Combustible
<b>Auto-Ignition Temperature:</b>	Not Available
<b>Flammability Limits in Air % by Volume:</b>	<b>LEL:</b> N/A <b>UEL:</b> N/A
<b>Extinguisher Media:</b>	Small Fire: Use DRY chemical powder. Large Fire: Use water spray, fog, or foam. Do not use water jet.
<b>Protective Clothing (Fire):</b>	Vapor respirator or a self contained breathing apparatus.
<b>Special Fire Fighting Procedures:</b>	None
<b>Unusual Fire and Explosion Hazards:</b>	None

**Section 4. Reactivity Hazard Data**

<b>Stability:</b>	<input checked="" type="checkbox"/> Stable	<input type="checkbox"/> Unstable
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**Conditions of Instability:**

Rapid polymerization occurs upon contact with water or alkaline substances. As a result, heat is generated. Skin inflammation or burns may occur upon contact during this polymerization.

**Incompatibility (Materials to Avoid):**

Reactive with alkalis, moisture, peroxides.

**Hazardous Decomposition:**

Not available

**Hazardous Polymerization:**

May Occur  Will Not Occur

**Section 5. Health Hazard Data**

**Emergency Overview:**

Combustible Liquid

Rapid polymerization occurs upon contact with water or alkaline substances. Skin inflammation or burns may occur upon contact during this polymerization.

Will bond skin.

May cause mucous membrane and respiratory tract damage.

Use with adequate ventilation.

Wear suitable protective clothing and gloves. Store and use away from heat, sparks, open flame, or any other ignition sources.

**Primary Routes of Entry:**  Inhalation  Skin Absorption  Ingestion  Eye Contact

**Carcinogen Listed In:**  NTP  IARC Monograph  OSHA  Not Listed

**Health Hazards:** Eye Contact: Slightly hazardous in case of eye contact (irritant).

Skin Contact: Bonds skin instantly.

Inhalation: Concentrated vapors are hazardous if inhaled.

Ingestion: No known hazard.

**Potential Chronic Health Effects:**

Repeated use may result in irritation of mucous membrane and upper respiratory tract.

**Medical Condition Aggravated Overexposure:**

Side effects are asthma, bronchitis, & other chronic lung conditions / upper respiratory tract irritation.

**Emergency First Aid Procedures:**

Eye Contact: IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. Do not attempt to pull apart bonded eyelid. Seek medical attention.

Skin Contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and soap. Seek medical attention to remove cured material. Wash contaminated clothing before reusing.

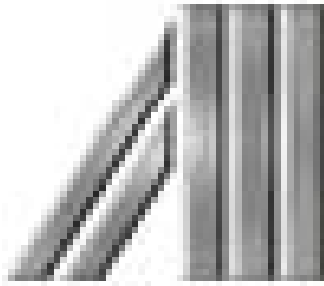
HAZARDOUS ACCORDING TO WORKSAFE AUSTRALIA

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Inhalation: If symptoms of prolonged exposure to concentrated material vapors appear, remove to fresh air. If breathing is difficult, loosen any restrictive clothing and provide oxygen and medical care if necessary.

Ingestion: Do not induce vomiting. Saliva will cause cyanoacrylate to polymerize in the mouth. If lips are bonded together, use warm water to gently separate the lips apart.

Notes to Physician: Cured adhesive does not pose a health risk.

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### Section 6. Control and Protective Measures

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**Engineering Controls:** Good general ventilation should be sufficient to control airborne levels in small quantity use. Local exhaust is recommended for bulk repackaging or continuous large quantity use.

**Personal Protection:**

Eyes:	Safety glasses.
Body:	Synthetic apron.
Respiratory:	Wear appropriate respirator when ventilation is inadequate.
Hands:	Gloves (impervious).
Feet:	Wear chemical resistant shoes.

**Personal Protection in Case of a Large Spill:**

A self contained breathing apparatus should be used to avoid inhalation of the product. Boots. Full suit. Gloves. Safety glasses.

**Hygienic Work Practices:** Good Manufacturing Practices.

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### Section 7. Precautions for Safe Handling and Use / Leak Procedures

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**Steps to be Taken if Material is Spilled or Released:**

Small Spill & Leak: Absorb with an inert material and place in an appropriate waste disposal container.

Large Spill & Leak: Combustible material.

Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with

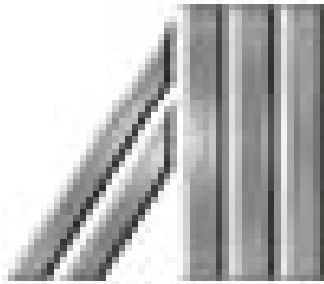
**Waste Disposal Methods:** Cured products may be landfilled. Uncured product must be handled according to local regulations. Consult your local or regional authorities for advice.

**Precautions to be taken in Handling and Storing:**

Handling: To avoid fire, minimize ignition sources. Avoid contact with skin and eyes. In case of insufficient ventilation, wear suitable respiratory equipment. May react in presence of moisture. May react or be incompatible with alkalis.

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Storage: Contains moisture sensitive material; store in a dry place. Keep away from sources of ignition. Keep container tightly closed and dry. Keep in cool, well-ventilated place.

**Other Precautions and/or Special Hazards:**  
None

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### Section 8. Toxicological Information

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**Toxicity to Animals:** LD50: Not Available.  
LC50: Not Available.

**Chronic Effects on Humans:**

**CARCINOGENIC EFFECTS:** Classified A3 (Proven for animal) by ACGIH [Hydroquinone].  
Classified 3 (not classifiable for human) by IARC [Hydroquinone].  
Contains material which may cause damage to the following organs: kidneys, eyes.

**Other Toxic Effects on Humans:**

Slightly hazardous in case of skin contact (irritant). Concentrated vapors are hazardous if inhaled.

**Special Remarks on Toxicity to Animals:**  
Not Available.

**Special Remarks on Chronic Effects on Humans:**

Continuous high volume usage without adequate ventilation can irritate eyes and nose.

**Special Remarks on Other Toxic Effects on Humans:**

Vapors are irritation to mucous membrane and upper respiratory tract. Under normal conditions of use of this product, no respiratory protection is required. Approved breathing apparatus is required if large spill occurs.

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### Section 9. Ecological Information

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**Ecotoxicity:** Not Available.

**BOD5 and COD:** Not Available.

**Biodegradable/OECD:** Not Available.

**Mobility:** Not Available.

**Products of Degradation:**  
Not Available.

**Toxicity of the Products of Biodegradation:**

The product itself and its products of degradation are not toxic.

**Special Remarks on the Products of Biodegradation:**

Not Available.

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### Section 10. Transport Information

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**DOT Classification:** Combustible  
Label not required for shipments less than 450 liters or 119 gallons. Combustible Liquid, n.o.s., 3, NA1993, I

**Marine Pollutant:** Not Available.

**Special Provisions for Transport:**  
Quantity of 450 liters (119 gallons) or less are not regulated; the following apply to larger quantities:  
Combustible liquid, NA 1993, III.  
Quantity limitations:  
Passenger aircraft or railcar: 60L  
Cargo aircraft only: 220L

**ADR/RID Classification:** CLASS 3: Flammable liquid A.

**IMO/IMDG Classification:** CLASS 3.3: Flammable liquid (High flashpoint group of liquids having a flashpoint of 23 °C / 73°F up to, and including, 61°C / 141°F c.c.)

**ICAO/IATA Classification:** CLASS 3: Flammable liquid.

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**Section 11. Regulatory Information**

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**HCS Classification:** CLASS: Target Organ effects.  
CLASS: Combustible liquid having a flash point between 37.8°C / 100°F and 93.3°C / 200°F

**U.S. Federal Regulations:** All ingredients are in compliance with TSCA.  
SARA 032/304/311/312 extremely hazardous substances: No products were found.  
SARA 302.304 emergency planning and notification: Hydroquinone  
SARA 302/304/311/312 hazardous chemicals: Hydroquinone  
SARA 311/312 MSDS distribution-chemical inventory-hazard identification: No products were found.  
SARA 313 toxic chemical notification and release reporting: Hydroquinone 0.1%  
Clean Water Act (CWA) 307: No products were found.  
Clean Water Act (CWA) 311: No products were found.  
Clean Air Act (CAA) 112 accidental release prevention: Hydroquinone  
Clean Air Act (CAA) 112 regulated flammable substances: No products were found.  
Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

**International Regulations:** EINECS: Not Available.  
DSCL (EEC): R42/43-May cause sensitization by inhalation and skin contact.  
International Lists: Australia (NICNAS): None  
Korea (TCCL): None

**State Regulations:** No products were found.  
California Prop. 65: No products were found.

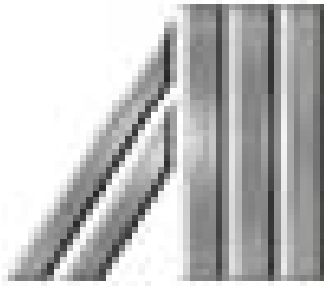
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### Section 12. Other Information

**Label Requirements:**

Combustible Liquid.

Rapid polymerization occurs upon contact with water or alkaline substances. Skin inflammation or burns may occur upon contact during this polymerization.

Will bond skin.

May cause mucous membrane and respiratory tract damage.

Use with adequate ventilation.

**Hazardous Material Information System (USA):**

Health: 2

Fire Hazard: 2

Reactivity: 2

Personal Protection: C

**National Fire Protection Association (USA):**

Health: 2

Fire Hazard: 2

Reactivity: 2

**Other Special Considerations:**

Skin, lips, eyelids, or other body part bonded by cyanoacrylate are best separated by passive non-surgical first aid. Generally warm water and gentle manipulation will break the cyanoacrylate bond.

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