

**AMERICAN INTERNATIONAL INDUSTRIES**2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** 5 Second Nail Brush On Nail Glue
ITEM: 12504**DATE:** 6/24/2004
REV. NEW**Section 1. Material Identification and Information****Hazardous Ingredients:**

Component	CAS #	%	TOXICOLOGICAL DATA
Ethyl 2-Cyanoacrylate	7085-85-0	90-95	ACGIH TVL: TWA: 0.2ppm / 1mg/m ³

Section 2. Physical / Chemical Characteristics

Boiling Point:	> 190°C / 374°F (Ethyl 2-Cyanoacrylate)	Specific Gravity:	1.05 (Water = 1)
Vapor Pressure:	0.0075mm of Hg @ 20°C	Melting Point:	Not Available
Vapor Density: (Air = 1)	> 1 (Ethyl 2-Cyanoacrylate)	Evaporation Rate:	Not Available
Solubility in Water:	Insoluble in cold water	Water Reactive:	Reactive
Appearance:	Transparent Liquid	pH:	N/A
Odor:	Acrid	VOC:	2.76g/L

Section 3. Fire and Explosion Hazard Data

Flammability of the Product:	Combustible
Flash Point and Method Used:	79°C / 174.2°F Closed Cup (Ethyl 2-Cyanoacrylate)
Auto-Ignition Temperature:	> 200°C / 392°F
Flammability Limits in Air % by Volume:	LEL: Not Available UEL: Not Available
Extinguisher Media:	Small Fire: Use DRY chemical powder. Large Fire: Use water spray, fog or foam. Do not use water jet.
Special Fire Fighting Procedures:	Use vapor respirator or a self contained breathing apparatus.

Section 4. Reactivity Hazard Data**Stability:** Stable Unstable**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, and peroxides.

Hazardous Decomposition:

Not Available

**AMERICAN INTERNATIONAL INDUSTRIES**2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** 5 Second Nail Brush On Nail Glue**DATE:** 6/24/2004**ITEM:** 12504**REV.** NEW**Hazardous Polymerization:**

Yes, due to heat generated during polymerization.

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.

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

Primary Routes of Entry: Inhalation Skin Absorption Ingestion Eye Contact**Potential Acute Health Effects:**

Eye Contact: Slightly hazardous in cause 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.

Signs and Symptoms of Overexposure:

Side effects of asthma, bronchitis, and other chronic lung conditions/upper respiratory tract irritant.

Medical Conditions Generally Aggravated by Overexposure:

Repeated or prolonged exposure is not known to aggravate any medical conditions.

Emergency First Aid Procedures:

Eye Contact: IMMEDIATELY flush eyes with 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.

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 get 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.

**AMERICAN INTERNATIONAL INDUSTRIES**

2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: 5 Second Nail Brush On Nail Glue**DATE:** 6/24/2004**ITEM:** 12504**REV.** NEW

Section 6. Control and Protective Measures

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: 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.

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

Steps to be Taken if Material is Spilled or Released:

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

Large Spill and Leak: Combustible material.
Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Waste Disposal Methods:

Cured products may be land filled. Uncured product must be handled according to local regulations. Consult your local authority. Consult your local hazardous waste management for advice. Consult your local or regional authorities.

Precautions to be taken in Handling and Storing:

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

Other Precautions and/or Special Hazards:

None

**AMERICAN INTERNATIONAL INDUSTRIES**2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** 5 Second Nail Brush On Nail Glue**DATE:** 6/24/2004**ITEM:** 12504**REV.** NEW**Section 8. Toxicological Information****Toxicity to Animals:** LD₅₀: Not Available.
LC₅₀: Not Available.**Chronic Effects on Humans:**

The substance is toxic to mucous membranes, upper respiratory tract.

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 Toxicity to Humans:

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

Special Remarks on Other Toxic Effects on Humans:

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

Section 9. Ecological Information**Ecotoxicity:** Not Available.**BOD5 and COD:** Not Available.**Biodegradable/OECD:** Not Available.**Mobility:** Not Available.**Products of Degradation:**

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Section 10. Transport Information**DOT Classification:** Combustible

Label not required for shipments less than 450 liters or 119 gallons. Combustible Liquid, n.o.s., 3 NA 1993, III

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, n.o.s., 3, NA1993, III.

Quantity Limitations: Passenger Aircraft or Railcar: 60L.

ADR/RID Classification: Cargo Aircraft Only: 220L

Not controlled under ADR (Europe).

**AMERICAN INTERNATIONAL INDUSTRIES**

2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: 5 Second Nail Brush On Nail Glue **DATE:** 6/24/2004
ITEM: 12504 **REV.** NEW

IMO/IMDG Classification:

Not controlled under IMDG

ICAO/IATA Classification:

Not controlled under IATA.

Section 11. Regulatory Information

HCS Classification: CLASS: Combustible liquid having a flash point lower than 37.8°C (100°F) and 93.3°C (200°F)

U.S. Federal Regulations:

All ingredients of this product are in compliance with TSCA.
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: No products were found.
Clean air act (CAA) 112 regulated toxic substances: No products were found.
SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: No products were found.
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.
SARA 313 toxic chemical notification and release reporting: No products were found.

International Regulations:

EINECS: Not Available.
DSCL (EEC): This product is not classified according to EU Regulations.
International Lists: No products were found.

State Regulations: No products were found.

California Prop 65: No products found.

Section 13. 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.

Hazard Rating System:

NFPA: Health = 2/Flammability = 2/Reactivity = 2
HMIS: Health = 2/Flammability = 2/Reactivity = 2

Other Special Considerations:

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