

Material Safety Data Sheet

ibd
15010 S. Main Street
Gardena, CA 90248
Information: (310) 324-6680. (800) 221-2743
Emergency: Chemtel (800) 255-3924

Product:
BRUSH-ON 5 SECOND NAIL GLUE

Date Prepared: 8/29/00
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SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or greater, Carcinogens 0.1% or greater)	%	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Ethyl 2-Cyanoacrylate (CAS No. 7085-85-0)		UNK.	UNK.	
Non-Hazardous Ingredients				
	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point 105° F	Specific Gravity (H ₂ O = 1)
Vapor Pressure (mm Hg and Temperature)	Melting Point approx. -40° C
Vapor Density (Air = 1) Not Determined	Evaporation Rate (= 1) Not Determined
Solubility in Water Insoluble (Liquid polymerizes in water)	Water Reactive
Appearance and Odor Clear liquid, pungent odor	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used	Auto-Ignition Temperature	Flammability Limits in Air % by Volume	LEL	UEL
181.4°F (PMCC)				
Extinguisher Media: Foam, carbon dioxide or dry chemical				
Special Fire Fighting Procedures: Water will intensify polymerization to the liquid, and gives an exothermic reaction. Wear full self-contained breathing apparatus.				
Unusual Fire and Explosion Hazards: None				

NA = not available

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid: Moisture, water, excess heat, open.
Incompatibility (Materials to Avoid): Water, weak base, alcohols	
Hazardous Decomposition Products: Acid, carbon monoxide, carbon dioxide, cyanide compound	
HAZARDOUS POLYMERIZATION <input checked="" type="checkbox"/> May Occur <input type="checkbox"/> Will Not Occur	Conditions to Avoid: Water, weak base, alcohols, heat

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	<input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Ingestion <input type="checkbox"/> Not Hazardous	Carcinogen Listed In	<input type="checkbox"/> NTP <input type="checkbox"/> IARC Monograph	<input type="checkbox"/> OSHA <input type="checkbox"/> Not Listed
HEALTH HAZARDS	Acute: Eye irritation, bonds skin instantly Chronic: Not known			
Signs and Symptoms of Exposure:				
Medical Conditions Generally Aggravated by Exposure:				
EMERGENCY FIRST AID PROCEDURES -				
Eye Contact: In case of eye contact, hold eyelid open and flush with water for 15 minutes. Consult a physician immediately.				
Skin Contact: In case of skin contact, do not pull, use glue remover				
Inhalation:				
Ingestion:				

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type):			
Protective Gloves:		Eye Protection:	
VENTILATION TO BE USED	<input checked="" type="checkbox"/> Local Exhaust <input type="checkbox"/> Other (specify)	<input checked="" type="checkbox"/> Mechanical (general)	<input type="checkbox"/> Special
Other Protective Clothing and Equipment: Polyethylene gloves, safety goggles.			
Hygienic Work Practices: Medical surveillance and employee training proposed to be required.			

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken if Material is Spilled Or Released:	Eliminate all sources of ignition. Evacuate the area, recover as much material as possible, soak up the remainder with absorbent materials. Ventilate area. Wear self-contained breathing apparatus, rubber boots and polyethylene gloves when cleaning up.
Waste Disposal Methods:	Dispose according to Federal, State and Local regulations.
Precautions to be Taken in Handling and Storage:	Keep container closed while not in use. Keep away from heat and flame. Store in a cool place.
Other Precautions and/or Special Hazards:	None

NA = not available

NFPA Rating* Health____ Flammability____ Reactivity____ Special____

HMIS Rating* Health____ Flammability____ Reactivity____ Personal Protection____

* optional