

Material Safety Data Sheet

ibd

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Gardena, CA 90248

Information: (310) 324-6680, (800) 221-2743

Emergency: Chemtel (800) 255-3924

Product:

NATURAL NAIL PRIMER

Date Prepared: 9/21/00

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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
Hydroxypropyl Methacrylate (CAS No. 27813-02-1)		NA	NA	
2-Methylpropenoic Acid or Methacrylic Acid (CAS No. 79-41-4)	<5	NA	20 ppm	
Non-Hazardous Ingredients				
	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: >324 °F (167 °C)	Specific Gravity (H ₂ O = 1): 1.03
Vapor Pressure: < 1mm Hg @ 70 °F (21 °C) (mm Hg and Temperature)	Melting Point: NA
Vapor Density: >1 (Air = 1)	Evaporation Rate: (= 1) NA
Solubility in Water: Appreciable	Water Reactive: No
Appearance and Odor: Colorless liquid; slightly sweet odor	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and 218 °F (103 °C) Method Used: (PMCC)	Auto-Ignition Temperature: NA	Flammability Limits in Air % by Volume: NA	LEL NA	UEL NA
Extinguisher Media: Dry chemical, carbon dioxide or water spray				
Special Fire Fighting Procedures: For massive fire, wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear. Use water spray to cool containers. Fight fire from protected location.				
Unusual Fire and Explosion Hazards: Heat can cause polymerization. Heated sealed containers can explode.				

NA = Not available

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid: Elevated temperatures, free radical initiators, UV light, excessive aging
Incompatibility (Materials to Avoid): Free radical initiators, oxidizing and reducing agents	
Hazardous Decomposition Products: None known	
HAZARDOUS POLYMERIZATION <input checked="" type="checkbox"/> May Occur <input type="checkbox"/> Will Not Occur	Conditions to Avoid: Elevated temperatures, free radical initiators, UV light, oxygen free atmosphere

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	<input type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin Absorption	<input type="checkbox"/> Ingestion <input type="checkbox"/> Not Hazardous	Carcinogen Listed In	<input type="checkbox"/> NTP <input type="checkbox"/> IARC Monogph	<input type="checkbox"/> OSHA <input checked="" type="checkbox"/> Not Listed
HEALTH HAZARDS	Acute: May cause skin irritation on prolonged contact. Eye irritant. Ingestion may cause irritation to the mucous membranes of mouth, throat and digestive tract. Chronic: May cause sensitization on repeated skin contact.				
Signs and Symptoms of Exposure: Reddening of skin					
Medical Conditions Generally Aggravated by Exposure: None known					
EMERGENCY FIRST AID PROCEDURES -					
Eye Contact: Immediately flush eyes with large amount of water for at least 15 minutes. In case of irritation, consult physician.					
Skin Contact: Immediately wash with soap and water (remove contaminated clothing). In case of irritation, consult physician.					
Inhalation: Remove from source of exposure and consult physician.					
Ingestion: Immediately consult a physician.					

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type): In case of high vapor concentration wear self-contained breathing apparatus.			
Protective Gloves: Impervious (Butyl rubber, Neoprene)		Eye Protection: Chemical splash goggles	
VENTILATION TO BE USED	<input checked="" type="checkbox"/> Local Exhaust <input type="checkbox"/> Other (specify)	<input type="checkbox"/> Mechanical (general)	<input type="checkbox"/> Special
Other Protective Clothing and Equipment: When handling larger quantities: apron and rubber boots.			
Hygienic Work Practices: Avoid contact with eyes, skin and mucous membranes. Otherwise follow the standards of good industrial hygiene practice.			

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

Steps to be Taken if Material is Spilled Or Released:	Large quantities: Take up mechanically. Smaller quantities: Absorb with inert material (i.e. sawdust, sand, diatomaceous earth). Collect in closed containers and dispose as recommended. Avoid skin contact.
Waste Disposal Methods:	Incineration according to federal, state and local regulations in an approved incineration unit.
Precautions to be Taken in Handling and Storage:	Store below 85 °F in well ventilated area away from direct sunlight, initiators, oxidizing and/or reducing agents. Don't fill containers completely. Bulk storage tanks should be kept oxygenated in order to activate polymerization inhibitors.
Other Precautions and/or Special Hazards:	After expiration of storage time spontaneous polymerization may occur.

NA = Not available

NFPA Rating Health _____ Flammability _____ Reactivity _____ Special _____
 HMIS Rating Health _____ Flammability _____ Reactivity _____ Personal Protection _____