

Material Safety Data Sheet

ibd
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Gardena, CA 90248
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Product:

ULTRA SEAL
CLEAR, BEIGE, PINK

Date Prepared: 8-24-00
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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
Acrylated Oligomer		N.E.	N.E.	
Acrylic Ester Monomers		N.E.	N.E.	
Photoinitiator		N.E.	N.E.	
May contain pigment resin				
(N.E. = None established)				
Non-Hazardous Ingredients				
	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	Not Available	Specific Gravity (H ₂ O = 1)	Approx. 1
Vapor Pressure		Melting Point	Not applicable
(mm Hg and Temperature)	Not Available		
Vapor Density		Evaporation Rate	
(Air = 1)	Above 1	(= 1)	Not available
Solubility in Water	Insoluble	Water Reactive	No
Appearance and Odor	Clear, colorless viscous liquid; slight acrylic odor		

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used	180F (PMCC)	Auto-Ignition Temperature	NA	Flammability Limits in Air % by Volume	NA	LEL	NA	UEL	NA
Extinguisher Media: Foam, dry chemical, carbon dioxide									
Special Fire Fighting Procedures: Cool exposed containers with water spray. In case of fire, wear self-contained breathing apparatus and protective clothing.									
Unusual Fire and Explosion Hazards: Product may polymerize at high temperatures. Polymerization is an exothermic reaction and may produce sufficient heat to cause thermal decomposition and/or rupture of containers.									

NA = not available

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY ☒ Stable ☐ Unstable	Conditions to Avoid: Elevated temperatures, ultraviolet light, free radical initiators, amines
Incompatibility (Materials to Avoid):	
Hazardous Decomposition Products:	
HAZARDOUS POLYMERIZATION ☐ May Occur ☐ Will Not Occur	Conditions to Avoid:

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY ☐ Inhalation ☒ Skin Absorption	☒ Ingestion ☐ Not Hazardous	Carcinogen Listed In ☐ NTP ☐ IARC ☐ OSHA ☐ Not Listed
HEALTH HAZARDS	Acute: Skin contact – slightly irritating; eye contact – may be irritating Chronic: Skin – may cause sensitization	
Signs and Symptoms of Exposure: Irritated skin and eyes, reddening or swelling, may cause sensitization with repeated exposure		
Medical Conditions Generally Aggravated by Exposure: None Known		
EMERGENCY FIRST AID PROCEDURES -		
Eye Contact: Flush eyes with water with eyelids retracted for at least 15 minutes: consult a physician		
Skin Contact: Immediately wash with soap and water; remove contaminated clothing; if reddening or swelling occurs, consult a physician		
Inhalation:		
Ingestion: Immediately consult a physician		

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type): In case of high vapor concentrations, wear self-contained breathing apparatus			
Protective Gloves: Rubber gloves		Eye Protection: Chemical goggles	
VENTILATION TO BE USED	☒ Local Exhaust ☐ Other (specify)	☒ Mechanical (general)	☐ Special
Other Protective Clothing and Equipment: When handling large quantities: apron and rubber boots			
Hygienic Work Practices: Avoid contact with eyes, skin and mucous membranes			

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

Steps to be Taken if Material is Spilled Or Released:	Absorb with inert material (i.e. sawdust, sand), collect in closed containers and dispose of as recommended. Avoid skin contact
Waste Disposal Methods:	Incineration or landfill according to federal, state and local regulations.
Precautions to be Taken in Handling and Storage:	Store below 30°C in a well ventilated area, away from direct sunlight, oxidizing or reducing agents.
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_____

* optional