

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:

UV TOPCOAT

Date Prepared: 12/27/00

Prepared By: D. Marr-Leisy

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or greater, Carcinogens 0.1% or greater)	%	CAS #	ACGIH TLV/ OSHA PEL
Ethyl Acetate		141-78-6	400 ppm
Cellulose Acetate Butyrate		9004-36-8	NA
Methyl Ethyl Ketone		78-93-3	300 ppm
Acrylate Ester			
n-Propyl Acetate		109-60-4	NA
Photoinitiator			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point NA	Specific Gravity (H ₂ O = 1) NA
Vapor Pressure (mm Hg and Temperature) NA	Melting Point N/A
Vapor Density (Air = 1) > 1	Evaporation Rate (BuOAc = 1) NA
Solubility in Water Not soluble	Water Reactive No
Appearance and Odor Pale, slightly viscous liquid; ester odor	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used -3 °C (ethyl acetate)	Auto-Ignition Temperature NA	Flammability Limits in Air % by Volume NA	LEL	UEL 2.2
Extinguisher Media: Alcohol foam, carbon dioxide, dry chemical.				
Special Fire Fighting Procedures: Pressure buildup may occur due to heat exposure of closed containers. Water may be used to cool closed containers. Wear self-contained breathing apparatus.				
Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground to a source of ignition. Prevent build-up of explosive gases to explosive concentrations.				

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid Elevated temperatures, sources of ignition.
Incompatibility (Materials to Avoid): Strong oxidizing agents, strong acids, strong bases. Do not heat.	
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide and oxides of nitrogen on incineration.	
HAZARDOUS POLYMERIZATION <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	Conditions to Avoid: See above

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	<input checked="" type="checkbox"/> Inhalation <input 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 <input type="checkbox"/> Monogph	<input type="checkbox"/> OSHA <input type="checkbox"/> Not Listed
HEALTH HAZARDS	Acute: Vapor or mist may be irritating to eyes, mucous membranes and upper respiratory tract. Chronic: Prolonged exposure to vapors may cause nausea, headache and vomiting. Prolonged and repeated skin contact may cause sensitization.			
Signs and Symptoms of Exposure: Headache, dizziness, confusion.				
Medical Conditions Generally Aggravated by Exposure: Not known				
EMERGENCY FIRST AID PROCEDURES -				
Eye Contact: Flush with water for 15 minutes. Get medical attention.				
Skin Contact: Flush with water for 15 minutes. Wash with soap and water.				
Inhalation: Move to fresh air. Get immediate medical attention.				
Ingestion: Get immediate medical attention.				

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type): If workplace limits are exceeded, use NIOSH approved cartridge respirator or gas mask.			
Protective Gloves: Polyethylene or solvent resistant.		Eye Protection: Safety 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: Impervious apron and boots; eye bath and safety shower. Ground containers when not in use.			
Hygienic Work Practices: Avoid contact with eyes and skin. Do not ingest. Use in well-ventilated area only.			

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. Flush spilled material into suitable retaining areas or containers with large quantities of water or absorb with inert material and collect in closed containers.
Waste Disposal Methods:	Dispose waste according to local, state, and federal regulations.
Precautions to be Taken in Handling and Storage:	Store in cool, dry area with containers tightly sealed, and grounded. Keep away from heat, sparks, and sources of ignition. Keep containers closed when not in use.
Other Precautions and/or Special Hazards:	Avoid inhalation of vapors and personal contact with product. Should contact be made, remove saturated clothing and flush affected areas with water.

>>>>SARA TITLE III SECTION 313 REPORTING<<<<

This product contains the following chemicals which may be subject to the reporting requirements of Section 313 Title III of SARA and 40 CFR Part 372.45

CAS No	Chemical Name	Maximum Concentration
78-93-3	Methyl Ethyl Ketone	10% by weight

HMIS Rating Health 2 Flammability 3 Reactivity 2 Personal Protection D*

* D = Face Shield, Gloves, Synthetic Apron