



MATERIAL SAFETY DATA SHEET

PRODUCT NAME



CDF DIRECT FILM (ALL THICKNESSES)

SECTION I

Manufacturer's Name ULANO CORPORATION	Emergency Telephone Number CHEMTREC: (800)424-9300 or (703)527-3887
Address (Number, Street.) 110 THIRD AVENUE	Telephone Number for Information (718) 622-5200 Fax#: (718) 802-1119
(City, State, ZIP Code) BROOKLYN, NY 11217	Date Prepared March 8, 2001
Signature of Preparer (optional)	

SECTION II - Ingredients/Identity Information

Ingredients (Specific Chemical Identity; Common Name(s))	C.A.S. #	OSHA PEL	ACGIH TLV	Approx. Conc.	Hazard Type
POLYVINYL ALCOHOL	9002-89-5	NOT SET	NOT SET	>10%	NON HAZARDOUS
POLYVINYL ACETATE	9003-20-7	NOT SET	NOT SET	>30%	NON HAZARDOUS
BENZENEDIAZOINIUM, 4(PHENYLAMINO)	41432-19-3	15mg/m³	15mg/m³	>1%	PNOC (ACGIH)
SULFATE 1:1 POLYMER WITH FORMALDEHYDE					
TSRN 80100215-5000P	TRADE SECRET	NOT SET	NOT SET		NON HAZARDOUS

THIS PRODUCT DOES NOT CONTAIN SARA TITLE III, SECTION 313 REPORTABLE MATERIAL

ULANO PRODUCTS ARE NOT MANUFACTURED WITH, NOR DO THEY CONTAIN CLASS-I OR CLASS-II OZONE DEPLETING CHEMICALS.

SECTION III - Physical/Chemical Characteristics

Boiling Point N.A.	Specific Gravity (H ₂ O=1) N.A.
Vapor Pressure (mm Hg) N.A.	Melting Point ~500°F
Vapor Density (AIR=1) N.A.	Evaporation Rate (H ₂ O=1) N.A.
Solubility in Water UNEXPOSED EMULSION DISPERSES COMPLETELY IN WATER	
Appearance and Odor GREEN EMULSION ON CLEAR POLYESTER FILM	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) N.A.	Flammable Limits N.A.	LEL N.A.	UEL N.A.
Extinguishing Media WATER FOG, FOAM, CARBON DIOXIDE, DRY CHEMICAL OR HALOGENATED AGENTS			
Special Fire Fighting Procedures WEAR SELF CONTAINED BREATHING APPARATUS.			
Unusual Fire and Explosion Hazards IF EXPOSED TO A FLAME, FILM WILL IGNITE AND CONTINUE TO BURN EVEN IF IGNITION SOURCE IS REMOVED.			

SECTION V - Reactivity Data

Stability	Unstable	Stable
		X
Conditions to Avoid AVOID EXPOSURE TO SUN LIGHT AND UV RADIATION.		
Incompatibility (Material to Avoid) NONE KNOWN		
Hazardous Decomposition or Byproducts NONE KNOWN		
Hazardous Polymerization	May Occur	Will Not Occur
		X
Conditions to Avoid NONE KNOWN		

HMIS Health [1] Flammability [0] Reactivity [0] Personal Protection [A]

SECTION VI - Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
	NO	NO	NO
Health Hazards (<i>Acute and Chronic</i>) NONE KNOWN			

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	NO	NO	NO
Signs and Symptoms of Exposure NONE KNOWN			

Medical Condition Generally Aggravated by Exposure
NONE KNOWN

Emergency and First Aid Procedures
NO KNOWN REQUIREMENTS

SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case Material is Released or Spilled
NO KNOWN SPECIAL REQUIREMENTS

Waste Disposal Method
NO KNOWN SPECIAL REQUIREMENTS

Precautions to be Taken in Handling and Storing
STORE AWAY FROM SUN LIGHT AND EXCESSIVE HEAT

Other Precautions
NONE KNOWN

SECTION VIII - Control Measures

Respiratory Protection (*Specify Type*)
NONE REQUIRED

<u>Ventilation</u>			
Local Exhaust	Mechanical (<i>General</i>)	Special	Other
			NOT REQUIRED
Protective Gloves	Eye Protection		
NONE REQUIRED	NOT REQUIRED		

Other Protective Clothing or Equipment
NONE KNOWN

Work / Hygienic Practices
NONE KNOWN

WHILE THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREOF ULANO CORP. MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.