



# MATERIAL SAFETY DATA SHEET

PRODUCT NAME

**ULANO**  
GFR FILM

## SECTION I

Manufacturer's Name  
**ULANO CORPORATION**  
Address (Number, Street,  
**110 THIRD AVENUE**  
(City, State, ZIP Code)  
**BROOKLYN, NY. 11217**  
Signature of Preparer (optional)

Emergency Telephone Number  
**CHEMTREC: (800)424-9300 or (703)527-3887**  
Telephone Number for Information  
**(718)622-5200 Fax#: (718)802-1119**  
Date Prepared  
**MAY 1, 2000**

## SECTION II - Ingredients/Identity Information

(Specific Chemical Identity; Common Name(s))

Ingredients ( EMULSION LAYER )	C.A.S. #	OSHA PEL	ACGIH TLV	Approx. Conc.	Hazard Type
<b>GELATIN</b>	<b>TRADE SECRET</b>	<b>NOT SET</b>	<b>NOT SET</b>	<b>&gt;30%</b>	<b>NON HAZARDOUS</b>
<b>POLYHYDRIC ALCOHOL</b>	<b>NOT ESTAB.</b>	<b>NOT SET</b>	<b>NOT SET</b>	<b>&gt;20%</b>	<b>NON HAZARDOUS</b>
<b>SOLUBLE FERRIC SALTS</b>	<b>TRADE SECRET</b>	<b>1mg/m<sup>3</sup></b>	<b>1mg/m<sup>3</sup></b>	<b>&gt;10%</b>	<b>MILD IRRITANT</b>
		<b>(AS IRON)</b>	<b>(AS IRON)</b>		
<b>C.I. RED PIGMENT DISPERSION</b>	<b>NOT ESTAB.</b>	<b>NOT SET</b>	<b>NOT SET</b>	<b>&gt;1%</b>	<b>MILD IRRITANT</b>
<b>CARMINE RED DISPERSION</b>	<b>5280-68-2</b>	<b>NOT SET</b>	<b>NOT SET</b>	<b>&gt;1%</b>	<b>MILD IRRITANT</b>

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

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) <b>N.A.</b>	Flammable Limits <b>N.A.</b>	LEL <b>N.A.</b>	UEL <b>N.A.</b>
Extinguishing Media <b>WATER FOG, CARBON DIOXIDE, DRY CHEMICAL OR HALOGENATED AGENTS</b>			
Special Fire Fighting Procedures <b>TREAT SURROUNDING FIRE</b>			
Unusual Fire and Explosion Hazards <b>FILM REMAINING IN CONTACT WITH FLAME WILL IGNITE AND CONTINUE TO BURN SLOWLY, DROPPING FLAMING LIQUID. IF FLAME SOURCE IS STATIONARY, FILM WILL SHRINK AWAY FROM THE FLAME AND SELF EXTINGUISH.</b>			

## SECTION V - Reactivity Data

	Unstable	Stable
Stability		<b>X</b>
Conditions to Avoid <b>AVOID EXPOSURE TO SUNLIGHT AND UV RADIATION</b>		
Incompatibility (Material to Avoid) <b>NONE KNOWN</b>		
Hazardous Decomposition or Byproducts <b>NONE KNOWN</b>		
Hazardous Polymerization	May Occur	Will Not Occur <b>X</b>
Conditions to Avoid <b>NONE KNOWN</b>		

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 (*Acute and Chronic*)  
**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  
**NONE REQUIRED**

## 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 SUNLIGHT AND EXCESSIVE HEAT**

Other Precautions  
**NONE KNOWN**

## SECTION VIII - Control Measures

Respiratory Protection (*Specify Type*)  
**NONE REQUIRED**

### Ventilation

Local Exhaust	Mechanical ( <i>General</i> )	Special	Other
			<b>NOT REQUIRED</b>

Protective Gloves	Eye Protection
<b>NONE REQUIRED</b>	<b>NOT REQUIRED</b>

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.