



MATERIAL SAFETY DATA SHEET

PRODUCT NAME



TZ, TZ/CL, TZ/HY-200B EMULSIONS

HS Graphic Arts

SECTION I

Manufacturer's Name
ULANO CORPORATION
 Address (Number, Street.)
110 THIRD AVE.
 (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	C.A.S. #	OSHA PEL	ACGIH TLV	Approx. Conc.	Hazard Type
WATER	7732-18-5			>40%	
POLYVINYL ACETATE	9003-20-7	NOT SET	NOT SET	>40%%	NON HAZARDOUS
POLYVINYL ALCOHOL	9002-89-5	NOT SET	NOT SET	<10%	NON HAZARDOUS
TSRN 80100215-5000P	TRADE SECRET				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 212+°f	Specific Gravity (H ₂ O=1) 1.05-1.08
Vapor Pressure (mm Hg.) N.A.	Melting Point N.A.
Vapor Density (AIR=1) N.A.	Evaporation Rate (H ₂ O=1) N.A.
Solubility in Water DILUTABLE	
Appearance and Odor ODORLESS, VISCOUS LIQUID. TZ = BLUE, TZ/CL & TZ/HY-200B = WHITE	

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 NON-FLAMMABLE			
Special Fire Fighting Procedures TREAT SURROUNDING FIRE			
Unusual Fire and Explosion Hazards NONE KNOWN			

SECTION V - Reactivity Data

Unstable Stable

Stability		X
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Conditions to Avoid
AFTER SENSITIZING, EXPOSURE TO LIGHT WILL CAUSE THICKENING.

Incompatibility (Material to Avoid)
NONE KNOWN

Hazardous Decomposition or Byproducts
NONE KNOWN

May Occur Will Not Occur

Hazardous Polymerization		X
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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? NO	Skin? NO	Ingestion? NO
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Health Hazards (*Acute and Chronic*)
PROLONGED EXPOSURE MAY CAUSE SKIN IRRITATION

Carcinogenicity:	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
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Signs and Symptoms of Exposure
PROLONGED EXPOSURE MAY CAUSE SKIN IRRITATION

Medical Condition Generally Aggravated by Exposure
NONE KNOWN

Emergency and First Aid Procedures
EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, CALL A PHYSICIAN.
SKIN: WASH EXPOSED AREA WITH SOAP AND WATER. IF IRRITATION OCCURS, SEE A PHYSICIAN.

SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case Material is Released or Spilled
SMALL SPILLS MAY BE RINSED DOWN DRAIN. LARGE SPILLS SHOULD BE ABSORBED ONTO SUITABLE MEDIA.

Waste Disposal Method
DISPOSE OF MEDIA IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

Precautions to be Taken in Handling and Storing
AVOID FREEZING

Other Precautions
NONE KNOWN

SECTION VIII - Control Measures

Respiratory Protection (*Specify Type*)
NONE

Ventilation

Local Exhaust	Mechanical (<i>General</i>) X	Special	Other
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Protective Gloves NONE	Eye Protection NONE
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Other Protective Clothing or Equipment
PROTECTIVE APRON TO AVOID STAINING CLOTHING.

Work / Hygienic Practices
NONE KNOWN

