



MATERIAL SAFETY DATA SHEET

PRODUCT NAME



GEL NO. 23 Roughening / Degreasing Gel

HS Graphic Arts

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) 237-4700 Fax #:(718) 802-1119
(City, State, ZIP Code) BROOKLYN, NY 11217	Date Prepared May 23, 2007
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
WATER	7732-18-5			~75%	
SILICON CARBIDE	409-21-2	10mg/m³	15mg/m³	>5%	PNOC
TRIETHANOLAMINE	102-71-6	NOT SET	5mg/m³	<2%	NON HAZARDOUS
ACRYSOL	NOT ESTAB.	NOT SET	NOT SET	>5%	NON HAZARDOUS

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

VOC CONTENT = < 0.1% (BASED ON PRODUCT COMPONENTS)

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) APPROX. 1
Vapor Pressure (mm Hg)	Melting Point N.A.
Relative Density (AIR=1) N.A.	Evaporation Rate (H ₂ O=1) APPROX. 1
Solubility in Water SOLUBLE / DISPERSIBLE	
Appearance and Odor GRAY COLORED PASTE- NEARLY ODORLESS	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	LEL	UEL
N.A.	N.A.	N.A.	N.A.

Extinguishing Media

NON-FLAMMABLE

Special Fire Fighting Procedures

TREAT SURROUNDING FIRE

Unusual Fire and Explosion Hazards

NONE KNOWN

SECTION V - Reactivity Data

Stability	Unstable	Stable
		X

Conditions to Avoid

NONE KNOWN

Incompatibility (Material to Avoid)

NONE KNOWN

Hazardous Decomposition or Byproducts

NONE KNOWN

Hazardous Polymerization

May Occur	Will Not Occur
	X

Conditions to Avoid

NE KNOWN

HMIS	Health [1]	Flammability [0]	Reactivity [0]	Personal Protection [A]
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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
OVER EXPOSURE CAN RESULT IN SKIN AND EYE IRRITATION.

Medical Condition Generally Aggravated by Exposure
NONE KNOWN

Emergency and First Aid Procedures
SKIN AND EYES: IN CASE OF CONTACT, FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION RESULTS, CALL A PHYSICIAN.

SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case Material is Released or Spilled
SMALL SPILLS CAN BE WASHED DOWN DRAIN. LARGE SPILLS SHOULD BE ABSORBED ONTO APPROPRIATE MEDIA.

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

Precautions to be taken in Handling and Storing
NONE KNOWN

Other Precautions
NONE KNOWN

SECTION VIII - Control Measures

Respiratory Protection (Specify Type)
NONE REQUIRED

Ventilation

Local Exhaust	Mechanical (General)	Special	Other
X			

Protective Gloves	Eye Protection
PLASTIC GLOVES	NIOSH APPROVED GOGGLES

Other Protective Clothing or Equipment
PROTECTIVE APRON

Work / Hygienic Practices
NONE

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.