



MATERIAL SAFETY DATA SHEET

PRODUCT NAME



STA-SHARP ADHERING LIQUID UN 1993

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)237-4700 Fax#: (718)802-1119
Date Prepared
MAY 1, 2004

SECTION II - Ingredients/Identity Information

(Specific Chemical Identity; Common Name(s))

Ingredients	C.A.S. #	OSHA PEL	ACGIH TLV	APPROX. CONC.	HAZARD TYPE
HEPTANE	CAS# 142-82-5	400PPM	400PPM (I)	40%	FLAMMABLE
ETHYL ACETATE	CAS# 141-78-6	400PPM	400PPM	30%	FLAMMABLE
BUTYL ACETATE	CAS# 123-86-4	150PPM	150PPM	5%	FLAMMABLE
ISOPROPYL ALCOHOL	CAS# 67-63-0	400PPM	400PPM	25%	FLAMMABLE

THIS PRODUCT CONTAINS SARA TITLE III, SECTION 313 REPORTABLE CHEMICALS

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 168°F	Specific Gravity (H ₂ O=1) 0.78
Vapor Pressure (mm Hg.) 76	Melting Point N.A.
Vapor Density (AIR=1) HEAVIER THAN AIR	Evaporation Rate (H ₂ O=1) HIGHER
Solubility in Water PARTIALLY SOLUBLE	
Appearance and Odor COLORLESS LIQUID, FRUIT-LIKE ODOR	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) 40°F	Flammable Limits	LEL 1.12%	UEL 6.7%
Extinguishing Media WATER FOG, CARBON DIOXIDE OR DRY CHEMICAL			
Special Fire Fighting Procedures SELF-CONTAINED BREATHING APPARATUS WITH PRESSURE DEMAND OR POSITIVE PRESSURE SOURCES.			
Unusual Fire and Explosion Hazards VAPOR HEAVIER THAN AIR. MAY TRAVEL ALONG GROUND TO OTHER IGNITION SOURCES.			

SECTION V - Reactivity Data

	Unstable	Stable		
Stability		X		
Conditions to Avoid IGNITION SOURCES				
Incompatibility (Material to Avoid) STRONG OXIDIZING AGENTS				
Hazardous Decomposition or Byproducts COMBUSTION CAN PRODUCE CARBON DIOXIDE AND CARBON MONOXIDE				
Hazardous Polymerization	May Occur	Will Not Occur X		
Conditions to Avoid NONE KNOWN				
HMIS	Health [2]	Flammability [3]	Reactivity [0]	Personal Protection [C]

SECTION VI - Health Hazard Data

Route(s) of Entry	Inhalation? X	Skin? X	Ingestion? X
Health Hazards (<i>Acute and Chronic</i>) EYES: CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING AND BLURRED VISION. SKIN: PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION AND DEFATTING DERMATITIS. INHALATION: EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL IRRITATION DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS AND EVEN ASPHYXIATION. INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS.			
Carcinogenicity:	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
Signs and Symptoms of Exposure SKIN, EYE OR NASAL IRRITATION, DIZZINESS OR NAUSEA			
Medical Condition Generally Aggravated by Exposure NONE KNOWN			

Emergency and First Aid Procedures
SKIN: WASH THOROUGHLY WITH SOAP AND WATER. WASH CONTAMINATED CLOTHING BEFORE REUSE. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. LIFTING AND RINSING UNDER UPPER AND LOWER LIDS. INGESTION: DO NOT INDUCE VOMITING. KEEP PERSON CALM, WARM AND GET MEDICAL ATTENTION IMMEDIATELY. ASPIRATION OF MATERIAL INTO LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. IF BREATHING, REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER INDIVIDUAL OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION.

SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case Material is Released or Spilled STOP AND CONTAIN SPILL. ABSORB MATERIAL WITH SUITABLE MEDIA. ELIMINATE SOURCES OF IGNITION. PLACE MEDIA INTO SEALED, SOLVENT RESISTANT CONTAINER.
Waste Disposal Method HANDLE AS AN IGNITABLE WASTE. DISPOSE OF IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.
Precautions to be Taken in Handling and Storing KEEP AWAY FROM SPARKS, FLAMES AND OTHER SOURCES OF IGNITION. STORE AND USE ONLY WITH PROPER VENTILATION. AVOID PROLONGED OR REPEATED BREATHING OF VAPORS. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID CONTACT WITH SKIN AND EYES.
Other Precautions PREVENT BUILD UP OF VAPORS. EXTINGUISH ALL PILOT LIGHTS AND HEATERS THAT COULD CAUSE IGNITION OF FUMES.

SECTION VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>) IN THE CASE OF A LARGE SPILL, USE NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS.			
<u>Ventilation</u>			
Local Exhaust	Mechanical (<i>General</i>)	Special	Other
	X		
Protective Gloves SOLVENT RESISTANT RUBBER GLOVES	Eye Protection NIOSH APPROVED GOGGLES		
Other Protective Clothing or Equipment IMPERVIOUS APRON			
Work / Hygienic Practices WORK CAREFULLY, AVOID SPILLS.			

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