

SECTION 1 – Product Information

Product Identifier ULANO® Diazo Sensitizer "A" Powder		[WHMIS Classification] N/A	
Product Use Photopolymer Sensitizer for Screen Printing.			
Manufacturer's name Ulano Corporation		Supplier's Name Screentec Corporation	
Street Address 110 Third Avenue		Street Address 930 Westport Crescent	
City Brooklyn	State NY	City Mississauga	Province Ontario
ZIP Code 11218	Emergency Telephone (703) 527-3887	Postal code L5T 1G1	Emergency Telephone 905-670-7042

SECTION 2 – Hazardous Ingredients

Hazardous Ingredients	%	CAS Number	LD ₅₀ of ingredient (specify species and route)	LC ₅₀ of Ingredient (specify species)
4-(Phenylamino)-Benzenediazonium Polymer with Formaldehyde, Zinc Chloride	100%	68988-17-0	N/AV	N/AV

SECTION 3 – Physical Data

Physical State Solid	Odour and Appearance Mild / Yellow-Green Powder		Odour Threshold (ppm) N/AP
Specific Gravity N/AP	Vapour Density (air=1) N/AP	Vapour Pressure (mmHg) N/AP	Evaporation Rate N/AP
Boiling Point (°C) N/AP	Freezing Point (°C) N/AP	pH 1.6-2.1 (5 grams/l H ₂ O)	Coefficient of Water/Oil Distribution 100% soluble

SECTION 4 – Fire and Explosion Data

Flammability <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, under which conditions? N/AP		
Means of Extinction Choose extinguishing media to suit surrounding areas that are burning. The product itself does not burn.			
Flashpoint (°C) and Method N/AP	Upper Flammable Limit (% by volume) N/AP	Lower Flammable Limit (% by volume) N/AP	
Autoignition Temperature (°C) N/AP	Explosion Data - Sensitivity to Impact N/AP		Explosion Data – Sensitivity to Static Discharge N/AP
Hazardous Combustion Products Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides and Sulfur Oxides			

SECTION 5 – Reactivity Data

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions? N/AP		
Incompatibility with Other Substances <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, which ones? Oxidizing agents		
Reactivity, and Under what Conditions? N/AV			

Hazardous Decomposition Products
Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides and Sulfur Oxides

SECTION 6 – Toxicological Properties

Routes of Entry				
<input checked="" type="checkbox"/> Skin contact	<input checked="" type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye contact	<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Ingestion
Effects of Acute Exposure to Product				
Acute Eye: Can cause eye irritation.				
Acute Skin: Can cause skin irritation.				
Acute Inhalation: Can cause irritation to mucous membranes				
Acute Ingestion: Harmful if swallowed				
Effects of Chronic Exposure to Product				
Repeated and prolonged exposure can cause respiratory, eye and skin irritation.				
Exposure Limits (<i>value, source, date</i>)		Irritancy (<i>if yes, explain</i>)		
N/AP		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No see above		
Sensitization (<i>if yes, explain</i>)		Carcinogenicity (<i>if yes, explain</i>)		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Reproductive Toxicity (<i>if yes, explain</i>)		Teratogenicity (<i>if yes, explain</i>)		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Mutagenicity (<i>if yes, explain</i>)		Synergistic Products (<i>if yes, explain</i>)		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

SECTION 7 – Preventive Measures

Personal Protective Equipment					
<input checked="" type="checkbox"/> Gloves	<input checked="" type="checkbox"/> Respirator	<input checked="" type="checkbox"/> Eye	<input type="checkbox"/> Footwear	<input checked="" type="checkbox"/> Clothing	<input type="checkbox"/> Other
If checked, specify type					
Neoprene Gloves, NIOSH approved safety glasses, lab coat or other protective clothing, respirator if exposed to dust;					
Engineering Controls (<i>specify, such as ventilation, enclosed process</i>)					
General ventilation					
Leak and Spill Procedure					
Pick up mechanically, avoid dusting, provide disposal in suitable receptacles.					
Waste disposal					
Dispose as solid waste; do not flush into surface water or sanitary sewer systems.					
Handling Procedure and Equipment					
If appropriately handled in accordance with general hygienic rules, no damage to health is known. Avoid contact with skin and eyes. Provide appropriate ventilation where dust is formed.					
Storage Requirements					
Keep container tightly closed and store in a cool and dry place. Avoid temperatures above 37°C.					
Special Shipping Information				PIN	
Not classified as dangerous in the meaning of transportation regulations.				N/AP	

SECTION 8 – First Aide Measures

Inhalation
Move to fresh air in case of accidental inhalation. If symptoms persist, call a physician.
Ingestion
Drink plenty of water, induce vomiting. Call a physician. Never give anything by mouth to an unconscious person.
Skin Contact
Wash with soap and plenty of water.
Eye contact
Rinse immediately with copious amounts of water, including under the eyelids. Consult a physician if irritation persists.

SECTION 9 – Preparation Information

Prepared by	Telephone Number	Preparation Date
Ulano Corporation	(718) 237-4700	February 5, 2008