

# MATERIAL SAFETY DATA SHEET

**EPOLIGHT™ 7316**

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910. 1200. Standard must be consulted for specific requirements.

**QUICK IDENTIFIER**

Common name: (used on label and list)

## SECTION 1 - NEAR INFRARED INK DYE - EPOLIGHT™ 7316

Manufacturer's Name			
Name		<b>EPOLIN, INC.</b>	
Address		Emergency Telephone No.	(973) 465-9495
City, State and ZIP		Other Information Calls	(973) 465-9495
Signature of Person Responsible for Preparation (Optional)		Date Prepared	09/06/2005

## SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (Chemical & Common name(s))	OSHA PEL.	ACGIH TLV	Other Exposure Limits	% (Optional)	CAS NO.
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The specific chemical identity is being withheld as a trade secret

Proprietary

## SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Specific Gravity(H <sub>2</sub> O=1)	N/A	Vapor Pressure(mm Hg)	N/A
	Vapor Density (Air=1)	N/A			
Solubility in Water	Insoluble	Reactivity in Water	N/A		
Appearance	Yellow Powder	Melting Point	N/A		

## SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	N/A	Method F. C. Used	Flammable Limits in Air % by Volume	LEL Lower	N/A	EL Upper
Auto-Ignition Temperature	N/A		Extinguisher Media	Use water, CO <sub>2</sub> , or dry chemical to extinguish fire.		
Special Fire Fighting Procedures	Wear self contained, positive pressure breathing apparatus. Dust may be explosive when mixed with air.					
	Use full protective clothing.					
Unusual Fire and Explosion Hazards	Nothing more than conventional fine organic powders.					

**SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)****(Epolight™ 7316)**

Stability	Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>	Conditions to avoid	Heat & High Humidity
Incompatibility (Materials to Avoid)	Amines, Acids, Bases and Glass Containers		
Hazardous Decomposition Products	Thermal decomposition may produce CO, CO <sub>2</sub> , NH <sub>3</sub> and/or Oxides of N and Fluorides		
Hazardous Polymerization	May Occur <input type="checkbox"/> Will Not Occur <input checked="" type="checkbox"/>	Conditions to avoid	None Known

**SECTION 6 - HEALTH HAZARDS - SIMILAR PRODUCTS HAVE THE FOLLOWING PROPERTIES**

1. Acute LD50>5,000mg/kg	2. Chronic N/A
Signs and Symptoms of Exposure	N/A
Medical Conditions Generally Aggravated by Exposure	N/A
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program Yes <input type="checkbox"/> No <input type="checkbox"/>
	I.A.R.C. Monographs Yes <input type="checkbox"/> No <input type="checkbox"/>
	OSHA Yes <input type="checkbox"/> No <input type="checkbox"/>
Emergency and First Aid Procedures	Eye - flush with water, get medical attention
<b>ROUTES OF ENTRY</b>	1. Inhalation Remove to fresh air, get medical attention
	2. Eyes May cause localized, reversible irritation
	3. Skin Yes - Flush with water
	4. Ingestion Yes - Seek medical attention

**SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

Precautions to be Taken in Handling and Storage	Engineering controls are not usually necessary if good hygiene practices are strictly followed. Respiratory protection is generally not required during normal operations. Wear the following as necessary to prevent skin contact; work pants, long sleeves, work shirt and impervious gloves.
Other Precautions	N/A
Steps to be Taken in Case Material is Released or Spilled	Sweep up and place in waste disposal container. Flush area with water.
Waste Disposal Methods (Consult federal, state, and local regulations)	Disposal must be made with a qualified waste haul and disposer. This should be done according to government regulations.

**SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES**

Respiratory Protection (Specify Type)	Maintain good housekeeping to control dust.			
Ventilation	Local Exhaust	Mechanical (General)	Special	Other
Protective Gloves	Rubber Gloves	Eye Protection	Chemical Safety Goggles	
Other protective Clothing or Equipment	N/A			
Work/Hygienic Practices	Engineering controls are not usually necessary, if good hygiene practices are followed.			

**IMPORTANT** - Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.