Material Safety Data Sheet

Used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

SHERWIN INCORPORATED

5530 Borwick Aveune
South Gate, California 90280

562.861.6324 fax: 562.923.8370

IDENTITY (As on label and list)	FLUORESCENT PENETRANT I-319	Blank spaces are not permitted. Non-applicable items or unavailable information must be so noted

Section I

Manufacturer's Name	SHERWIN INCORPORATED	Emergency phone No.	Transportation Emergency: 800-424-9300 Sherwin Incorporated: 562-861-6324
Address	5530 BORWICK AVENUE	Information phone No.	562-861-6324
	SOUTH GATE, CA 90280	Date Prepared	May 2010
		Preparer's Signature	

Section II — Hazardous Ingredients Identity Information

Hazardous Components (Specific Chemical Name; Common Name(s))		OSHA PEL	ACGIH TLV	other limits recommended	% optional
Ethoxylated Nonylphenol (surfactant)	CAS no. 9016-45-9	none listed	none listed	--	15

(While exposure limits are not established, a general guideline for products of this type is 5 mg/m^3 (8-hour time-weighted average).)

HMIS - F-1, H-1, R-0, S-0

Section III — Physical/Chemical Characteristics

Boiling Point	212^0 F	Specific Gravity (H_20 = 1) approximately	0.98
Vapor Pressure (mm Hg.)	n/a	Melting Point	n/a
Vapor Density (AIR = 1)	n/a	Evaporation Rate (Butyl Acetate = 1)	0.05

Solubility in Water: complete

Appearance and Odor: yellow-green liquid, detergent odor

Section IV — Fire and Explosion Hazard Data

Flash Point (method used)	no flash	Flammable Limits		LEL n/a	UEL n/a

Extinguishing Media: Water fog; CO_2; foam; dry chemical

Special Fire Fighting Procedures: Firefighters shuold wear self-contained breathing apparatus and protective clothing. High water content makes burning highly improprable unless water has evaporated.

Unusual Fire & Explosion Hazards: On burning, this product can release toxic fumes and vapors.

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid	High temperatures
	Stable	x		
Incompatibility (materials to avoid)			Oxidizing materials	
Hazardous Decomposition or Byproducts			Carbon monoxide and other unidentified organic compounds may be found upon combustion.	
Hazardous Polymerization	May Occur		Conditions to Avoid	None
	Will Not Occur	x		

Section VI — Health Hazard Data

Routes of Entry:	Eyes: primary	Inhalation?	n/a	Skin?	primary	Ingestion?	n/a

Health Hazards (acute and chronic): **Swallowing:** May cause irritation of the mouth and throat, abdominal discomfort, nausea, vomiting and diarrhea. **Skin absorption:** Prolonged or widespread contact may result in the absorption of potentially harmful amounts of material. **Inhalation:** Short term harmful effects are not expected from vapor generated at ambient temperature. **Skin contact:** Causes irritation w/ discomfort, local redness and swelling. Prolonged contact may cause severe irritation. Effects may be prolonged. **Eye contact:** Causes moderate to severe irritation, experienced as discomfort or pain, excess blinking and tear production, w/ marked excess redness and swelling of the conjunctiva. Corneal injury may occur.

Carcinogenicity:	NTP?	No	IARC monographs?	No	OSHA regulated?	No

Signs & Symptoms of Exposure: **Skin:** irritation

Medical Conditions Generally Aggravated by Exposure: Skin contact may aggravate existing dermatitis.

Emergency & First Aid Procedures: **Eyes:** Immediately flush eyes w/ water and continue washing for at least 15 minutes. Obtain medical attention w/o delay. **Skin:** Wash w/ soap and water. Remove and wash contaminated clothing. **Ingestion:** DO NOT induce vomiting. Get medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. **Inhalation:** Remove to fresh air.

Section VII — Precautions for Safe Handling and Use

Steps to be taken if material is released or spilled: Wear eye and skin protection. Floor may be slippery; use care to avoid falling. Contain spills immediately w/ inert materials (e.g. sand, earth). Avoid discharge to natural waters. Transfer liquids and solids by diking to suitable container for recovery or disposal. The material is water-miscible and final clean-up w/ water to remove surface residue is permissable.

Waste Disposal Method: Dispose of where permitted under Federal, State and Local regulations.

Storing & Handling Precautions: **Handling:** DO NOT splash, create mists or vapors. **Storage:** Store away from high temperatures and open flames. Keep containers closed and keep from freezing.

Other Precautions: Emptied containers retain vapors and product residues. DO NOT cut or weld on or near the container.

Section VIII — Control Measures

Specific Respiratory Protection: Use NIOSH approved respirator if vapors or mist is generated.

Ventilation	Local Exhaust	Advisable	Special	none
	Mechanical (general)	usually not necessary	Other	none
Protective Gloves	Chemical resistant		Eye Protection	Chemical safety when possibility of splashing.

Other Protective Clothing/Equipment:

Work/Hygenic Practices: Wash thoroughly before eating.