

**MATERIAL SAFETY DATA SHEET****SPOTCHECK® PENETRANT SKL-4C****1. IDENTIFICATION**

*Company:* MAGNAFLUX  
*Address:* 3624 West Lake Avenue, Glenview, Illinois 60026  
*Telephone No.:* 847-657-5300 (Off-Hour Emergency Number - CHEMTREC - 1-800-424-9300).  
*Product Use:* Penetrant inspection developer  
*Packages:* 5 gallon pail  
*NFPA Rating:* Health 1, Flammability 0, Reactivity 0  
*PIN (Canada):* None  
*Revision Date:* September 5, 2007

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient	Wt./Wt.%	CAS#	TLV	PEL	LD <sub>50</sub>	LC <sub>50</sub>
Poly(oxy-1,2-ethanediyl),(nonlyphenyl)-hydroxy	10-30	9016-45-9	NA	NA	2 g/kg (oral/rat)	NA
2,2'-oxybis-ethanol	10 - 30	111-46-6	NA	NA	1 g/kg (oral/human)	NA

**3. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

**Bland, oily liquid which may irritate the skin and eyes.**

**POTENTIAL HEALTH EFFECTS & SIGNS AND SYMPTOMS OF EXPOSURE:**

*Skin Contact:* Can irritate by removing natural skin oils on long or repeated exposures.  
*Eyes:* Irritating, but does not damage eye tissue.  
*Inhalation:* Not significant  
*Ingestion:* Not significant in small (mouthful) amounts.  
*Medical conditions known to be aggravated by exposure to product:* None

**4. FIRST AID**

*Skin Contact:* Remove contaminated clothing. Wash exposed areas with soap and water. Use soothing lotion.  
*Eyes:* Rinse carefully under upper and lower eyelids using plenty of water.  
*Inhalation:* Not applicable  
*Ingestion:* Do not induce vomiting. Accidental ingestion of a single mouthful is not expected to cause significant harm.

**NOTE:** In all severe cases, contact physician immediately. Local telephone operators can furnish number of regional poison control center.

**5. FIRE HAZARD**

*Conditions of flammability:* None  
*Flash point:* None  
*Flammable limits in air:* None  
*Extinguishing media:* Carbon dioxide, foam  
*Special fire fighting procedures:* None.  
*Hazardous combustion products:* Smoke, soot, oxides of carbon if engulfed in fire  
*Unusual fire hazards:* None

**6. ACCIDENTAL RELEASE MEASURES**

Mop up or sweep up with absorbent. (For disposal, see Section 13.)

**7. HANDLING AND STORAGE**

Avoid eye contact. Avoid repeated or prolonged skin contact. Avoid breathing spray mist.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

*Controls:* None, unless applied as spray. Use where ventilation will carry spray mist away from occupied areas.  
*Personal protection :* Wear safety glasses to protect eyes. Wear nitrile rubber gloves if hand exposure is unavoidable. Respirator with filter if sprayed in enclosed, unventilated space.

**9. PHYSICAL PROPERTIES**

<i>Initial boiling point (bulk):</i>	212° F (100°C) (ASTM D-86)	<i>Vapor pressure:</i>	Bulk: <25mm @ 70°F (21°C).
<i>Percent volatile:</i>	65%	<i>Vapor density:</i>	Lighter than air
<i>Density/sp. gravity:</i>	0.9	<i>Evaporation rate:</i>	Equal to water
<i>Water solubility:</i>	100	<i>Appearance:</i>	Dark Red Liquid
<i>pH:</i>	Neutral	<i>Odor:</i>	Odorless

**10. STABILITY AND REACTIVITY**

<i>Stability:</i>	Stable
<i>Incompatibility:</i>	None
<i>Hazardous decomposition products:</i>	When burning, soot, oxides of carbon
<i>Reactivity:</i>	None

**11. TOXICOLOGICAL INFORMATION**

<i>Carcinogenicity:</i>	Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.
<i>Threshold limit value (Bulk):</i>	None
<i>WHMIS information (Canada):</i>	According to available information, the ingredients have not been found to show reproductive toxicity, teratogenicity, mutagenicity, skin sensitization, or synergistic toxic effects with other materials.

**12. ECOLOGICAL INFORMATION**

No data is available on SKL-4C. It is soluble in water and biodegradable.

**13. DISPOSAL**

Send to a licensed waste facility for proper disposal as a non-hazardous waste.	
<i>RCRA:</i>	Non-hazardous waste.
<i>U.S. EPA Waste Number:</i>	None

**14. TRANSPORTATION (These are guidelines, in all cases refer to 49 CFR for proper classification)****U.S. DOT: 49 CFR 172.101 Hazardous Materials Table**

	<u>Non-Aerosol</u>
<i>Proper Shipping Name:</i>	None, not restricted
<i>Hazard class or division:</i>	None
<i>Identification No.:</i>	None
<i>Packing Group:</i>	None

**15. REGULATORY INFORMATION**

<i>TSCA:</i>	All ingredients are listed in TSCA inventory.
<i>CERCLA:</i>	Not Reportable
<i>SARA TITLE III, Section 313:</i>	None
<i>California Proposition 65:</i>	This product contains trace amount of chemicals known to the State of California to cause cancer and/or birth defects and/or other reproductive harm.
<i>WHMIS Class (Canada):</i>	D-2B
<i>Canada DSL:</i>	All ingredients are listed on the Canadian DSL
<b>Note:</b> This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16 headings.	

**16. OTHER INFORMATION**

<i>Revision Statement:</i>	Review
<i>Supersedes:</i>	October 26, 2004
<i>Prepared by:</i>	Tamie Simmons, R&D Manager