

# MATERIAL SAFETY DATA SHEET

SPOTCHECK® PENETRANT SKL-4C

## 1. IDENTIFICATION

*Company:* MAGNAFLUX  
*Address:* 3624 West Lake Avenue, Glenview, Illinois 60025  
*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:* April 17, 2014

## 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:*  
*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.

# MAGNAFLUX

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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>	1.04	<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**

All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

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>
Proper Shipping Name:	None, not restricted
Hazard class or division:	None
Identification No.:	None
Packing Group:	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

**Note:** 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>	April 15, 2011

