

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 15, 2011

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Wt.Wt.%	CAS#	TLV	PEL	LD ₅₀	LC ₅₀
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.

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>	Section 13
<i>Supersedes:</i>	December 10, 2008