

MATERIAL SAFETY DATA SHEET

SPOTCHECK® PENETRANT SKL-WP2

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: Visible inspection penetrant.
NFPA Rating: Health 1, Flammability 1, (Aerosol Flammability 4), Reactivity 0
PIN (Canada): None
Revision Date: October 26, 2012

2. INGREDIENTS

<u>Ingredient</u>	<u>Wt./Wt. %</u>	<u>CAS #</u>	<u>TLV</u>	<u>PEL</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
White mineral oil (petroleum)	60-100	8042-47-5	not avail.	not avail.	not avail.	not avail.
Alcohols (C12-C15), ethoxylated propoxylated	10-30	68551-13-3	Not avail.	Not avail.	1350 mg/kg (oral/rat).	Not avail.
Alcohols (C11-C15) –secondary, ethoxylated	5-10	84133-50-6	not avail.	not avail.	2.4 g/kg (oral/rat).	not avail.
Refined Soybean Oil	5-10	8001-22-7	not avail.	not avail.	17.4 g/kg (oral/rat).	not avail.
9-octadecenamide, N-(2-hydroxypropyl)-,(Z)	1-5	111-05-7	not avail.	not avail.	not avail.	not avail.
Isobutane (propellant – aerosol only)	30	75-28-5	Not avail.	1000 ppm	Not avail	Not avail.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Bland, oily liquid which may irritate the skin and eyes. Bulk material is difficult to ignite, but will burn vigorously if engulfed in fire. Aerosol is extremely flammable.

POTENTIAL HEALTH EFFECTS

Skin Contact: Can irritate by removing natural skin oils on long or repeated exposures.
Eyes: Irritating.
Inhalation: Not significant at room temperatures. When heated or sprayed, vapors may cause dizziness and nausea.
Ingestion: Not significant in small (mouthful) amounts.
Medical conditions known to be aggravated by exposure to product: None

4. FIRST AID

Skin Contact: Wash off with soap and water. Use soothing lotion.
Eyes: Rinse carefully under upper and lower eyelids using plenty of water.
Inhalation: Remove to fresh air if dizzy or nauseated.
Ingestion: Do not induce vomiting. Accidental ingestion of a small 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: Aerosol: Spraying near an ignition source will ignite spray mist.
 Bulk: None unless heated over 200°F (93°C) near ignition source.
Flash point: Min. 200°F (93°C) (Pensky-Martens closed cup)
Flammable limits in air: 1% to 6%
Extinguishing media: Carbon dioxide, foam
Special fire fighting procedures: Keep containers cool with water spray. Do not spray water directly on burning SKL-WP2. It may float and spread the fire.
Hazardous combustion products: Smoke, soot, oxides of carbon and nitrogen
Unusual fire hazards: Aerosol cans may burst at temperatures over 130°F (54°C) and spray contents into a fire.

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

Store away from heat source. Avoid eye contact. Avoid repeated or prolonged skin contact.
 Avoid breathing spray mist. Do not spray around arcs or flames.
 Storage Level 3 Aerosols per NFPA 30B

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Controls: None, unless sprayed. 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>	Min. 455°F(235°C)(ASTM D-86)	<i>Vapor pressure:</i>	Aerosol: 60psi @75°F (24°C) Bulk: <0.10mm @ 70°F (21°C)
<i>Percent volatile:</i>	Not determined	<i>Vapor density:</i>	Heavier than air
<i>Density/sp. gravity:</i>	0.872	<i>Evaporation rate:</i>	Negligible
<i>Water solubility:</i>	0 (emulsifies into water)	<i>Appearance:</i>	Red/Violet oily liquid
<i>pH:</i>	Neutral	<i>Odor:</i>	Mild odor

10. **STABILITY AND REACTIVITY**

Stability: Stable
Incompatibility: None
Hazardous decomposition products: Soot, oxides of carbon and nitrogen when burning
Reactivity: None

11. **TOXICOLOGICAL INFORMATION**

Carcinogenicity: Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.
Threshold limit value: 5 mg/m³ for oily mist
WHMIS information (Canada): 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-WP2. It emulsifies into water and is biodegradable. Its low bulk vapor pressure may exempt it from VOC restrictions. The hydrocarbon propellant is not an ozone depleter.

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**

U.S. DOT: 49 CFR 172.101 Hazardous Materials Table

	<u>Non-Aerosol</u>	<u>Aerosol</u>
<i>Proper shipping name:</i>	None, not restricted	Consumables
<i>Hazard class or division:</i>	None	Limited Quantity
<i>Identification No.:</i>	None	None
<i>Packing Group:</i>	None	None

IATA: List of Dangerous Goods

	<u>Non-Aerosol</u>	<u>Aerosol</u>
<i>Proper shipping name:</i>	None, not restricted	Aerosols, flammable
<i>Hazard class or division:</i>	None	2.1
<i>Identification No.:</i>	None	UN1950
<i>Packing Group:</i>	None	-

IMDG: General Index

	<u>Non-Aerosol</u>	<u>Aerosol</u>
<i>Proper shipping name:</i>	None, not restricted	AEROSOLS
<i>Hazard class or division:</i>	None	2.1
<i>Identification No.:</i>	None	UN1950
<i>Packing Group:</i>	None	-

15. **REGULATORY INFORMATION**

TSCA: All ingredients are listed in TSCA inventory.
CERCLA: Not reportable
SARA TITLE III, Section 313: No reportable ingredients
California Proposition 65: Warning: This material may contain trace amounts of chemicals known to the state of California to cause cancer and/or birth defects and/or reproductive harm.
WHMIS Class (Canada): Non-Aerosol: D-2B Aerosol: A, B-5, D-2B
Note: This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16 headings.

16. **OTHER INFORMATION**

Revision Statement: Section 2, 5, 9
Supersedes: April 16, 2010