

MATERIAL SAFETY DATA SHEET

Spotcheck Penetrant SKL-SP

-----SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION -----

MSDS Name: Spotcheck Penetrant SKL-SP

Product CAS: (none)

Product Code:

Synonyms: Spotcheck Penetrant SKL-SP

Company Identification:

Name: Magnaflux

Address: 7300 W. Lawrence Avenue

Address:

City: Chicago State: IL Zip: 60656

For information, call: 847-657-5300

Emergency Number: 1-800-424-9300

Emergency Agency: Chemtrec

Number:

MSDS Creation Date: 01/30/2002

Supersedes Date: 01/10/2000

Miscellaneous:

N/A

-----SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS -----

Chemical Name	CAS	MIN	MAX
White mineral oil (petroleum)	8042-47-5	60	80
1,2-benzenedicarboxylic acid	84-74-2	10	30
ISOBUTANE	75-28-5	0	30

Miscellaneous:

N/A

Lbs of VOC per Gallon Coating (minus water): 0

Coating Density (lbs/gal): 0

Solvent Density (lbs/gal): 0

Percent Solvent (volume): 0

Percent Solids (volume): 0

Percent Water (volume): 0

-----SECTION 3 - HAZARDS IDENTIFICATION -----

NFPA: Health: 1 Fire: 4 Reactivity: 0 Other: 0

HMIS: Health: 1 Fire: 4 Reactivity: 0 Special Protection: 0

Miscellaneous:

Emergency Overview: Extremely flammable white liquid and aerosol. Fast evaporating vapors can reach hazardous levels quickly in unventilated spaces.

POTENTIAL HEALTH EFFECTS

Target Organs:

N/A

Eye:

May irritate.

Skin:

Can irritate by removing natural skin oils on long or repeated exposures.

Ingestion:

Not significant in small (mouthful) amounts.

Inhalation:

Not significant at room temperatures. When heated or sprayed, vapors may cause dizziness and nausea.

Miscellaneous:

Medical conditions known to be aggravated by exposure to product: NONE

-----SECTION 4 - FIRST AID MEASURES -----

Eye:

Rinse carefully under upper and lower eyelids using plenty of water.

Skin:

Wash off with soap and water. Use soothing lotion.

Ingestion:

Do not induce vomiting. Accidental ingestion of a single mouthful is not expected to cause significant harm.

Inhalation:

Remove to fresh air if dizzy or nauseated.

Notes to Physician:

N/A

Miscellaneous:

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

-----SECTION 5 - FIRE FIGHTING MEASURES -----

Unusual Fire and Explosion Hazards:

Smoke, soot, oxides of carbon and nitrogen. Aerosol cans may burst over 130F (54C) and add to existing fire.

Special Fire Fighting Procedures:

Keep containers cool with water spray. Do not spray water directly on burning SKL-SP. It may float and spread the fire.

Extinguishing Media:

Carbon dioxide, foam.

Flash Point:

200F\_ (93C) (Pensky-Martens closed cup)

Flammable Limits:

Lower Limit:

1%  
Upper Limit:

6%

AutoIgnition Temperature:

General Information:

N/A

-----SECTION 6 - ACCIDENTAL RELEASE MEASURES -----

Disposal:

As a non-hazardous oil waste, incinerate or send to waste handler who can  
blen  
it into secondary fuels. Empty aerosol cans before disposal.

RCRA: Not a hazardous waste  
U.S. EPA Waste Number: None

Spills/Leaks:

Mop up or sweep up with absorbent.

-----SECTION 7 - HANDLING and STORAGE -----

Handling:

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

Storage:

Store away from heat source. Do not spray around arcs or flame.

-----SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION -----

Engineering Controls:

None, unless sprayed. Use where ventilation will carry vapors away from  
occupied areas.

Eyes:

Wear safety glasses to protect eyes.

Skin:

Wear nitrile rubber gloves if hand exposure is unavoidable.

Clothing:

N/A

Respirators:

Respirator with filter if sprayed in enclosed, unventilated space.

-----SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES -----

Appearance/Odor:

Dark red oily liquid, Odor: Mild oily odor

pH: Neutral

Vapor Pressure: Aerosol: 60 psi @ 75F (24C) Bulk: <0.10mm @ 70F (21C)

Vapor Density: Heavier than air

Evaporation Rate: Negligible

Viscosity:

Boiling Point: Min 455F (235C) (ASTM D-86)

Freezing/Melting Point: N/A

Decomposition Temperature: N/A

Solubility: 0

Specific Gravity: .89

Molecular Formula: N/A

Molecular Weight: N/A

Miscellaneous:

N/A

-----SECTION 10 - STABILITY AND REACTIVITY -----

Chemical Stability:

Stable

Conditions to Avoid:

N/A

Incompatibilities with Other Materials:

None

Hazardous Decomposition Products:

When burning, soot, oxides of carbon and nitrogen.

Hazardous Polymerization:

N/A

-----SECTION 11 - TOXICOLOGICAL INFORMATION -----

Toxicological Information:

Carcinogenicity: Contains no known or suspected carcinogens listed with OSHA, IARC, NTP or ACGIH.

Threshold limit value(Bulk): 5 mg/m<sup>3</sup> for oily mist.

WHMIS information (Canada): No human information is available for teratogenicity, reproductive toxicity, and mutagenicity. No reports of toxicological synergism were located. The ingredients have not been found to show skin sensitization.

-----SECTION 12 - ECOLOGICAL INFORMATION -----

Ecological Information:

No data is available on SKD-SP. It floats on water and can be skimmed off. Its low vapor pressure may exempt it from VOC restrictions. The hydrocarbon propellant is not an ozone depleter.

-----SECTION 13 - OTHER PRECAUTIONS -----

Other Precautions:

N/A

Work/Hygienic Practices:

N/A

-----SECTION 14 - TRANSPORT INFORMATION -----

Transportation Information:

Bulk Aerosol

Proper shipping name: None, not restricted Consumer commodity

Hazard class or division: None ORM-D

Identification No: None NONE

Packing Group: None NONE

IATA: LIST OF DANGEROUS GOODS

Proper shipping name: None, not restricted Aerosols, flammable

Hazard class or division: None 2.1

Identification No: None Un1950

Packing Group: None -

IMDG: GENERAL INDEX

Proper shipping name: None, not restricted Aerosols,

Hazard class or division: None 2.1

Identification No: None Un1950

Packing Group: None -

Label Information:

N/A

-----SECTION 15 - REGULATORY INFORMATION -----

Regulatory Information:

TSCA: All ingredients are listed in TSCA inventory.

CERCLA: Non reportable

SARA TITLE III, Section 313: Non reportable ingredients

California Proposition 65: Contains nothing on this list.

WHMIS Class (Canada): Bulk: D-2 - Aerosol: A, B-5, D-2A

-----SECTION 16 - ADDITIONAL INFORMATION -----

Additional Information:

N/A