

## MATERIAL SAFETY DATA SHEET

SPOTCHECK® SKC-S

### 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:** Nondestructive testing material  
**Packages:** 1 gallon can, 5 gallon pail, 55 gallon drums, aerosols  
**NFPA Rating:** Health 1, Flammability 3, Reactivity 0  
**PIN (Canada):** Bulk: UN1268  
**Revision Date:** April 16, 2010

### 2. HAZARDOUS INGREDIENTS

<u>Inгредиент</u>	<u>Wt./Wt. %</u>	<u>CAS #</u>	<u>TLV</u>	<u>PEL</u>	<u>LD<sub>50</sub></u>	<u>LC<sub>50</sub></u>
Light aliphatic solvent naphtha	60-100	64742-89-8 Or 64742-49-0	300ppm (8 hr.TWA)	not avail.	5 g/kg (oral/rat)	3400 ppm (4hrs/rat)
Carbon dioxide propellant (Aerosol Only)	3-7	124-38-9	not avail.	5000 ppm	not avail.	not avail.

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**Flammable liquid and aerosol. Vapor may cause flash fire. Harmful or fatal if swallowed. Mist or vapor may irritate the respiratory tract. Liquid contact may cause eye and skin irritation. Over-exposure may cause central nervous system (CNS) depression and target organ effects. Spills may create a slipping hazard.**

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

**Skin Contact:** Irritating to skin. Repeated exposure may cause skin dryness or cracking.  
**Eyes:** Vapors may be irritating to the eye.  
**Inhalation:** Vapors expected to be slightly irritating. Vapors may cause drowsiness and dizziness.  
**Ingestion:** Harmful: may cause lung damage if swallowed.  
**Medical conditions known to be aggravated by exposure to product:** Pre-existing medical conditions of the following organ(s) or organ system(s) may be aggravated by exposure to this material: Eyes, Skin, and Respiratory system.

### 4. FIRST AID

**Skin Contact:** Wash off with soap and water. Do not use ointments. Seek medical attention if tissue appears damaged or if pain or irritation persists.  
**Eyes:** Rinse carefully under upper and lower eyelids using plenty of water. Rest eyes for 30 minutes. If redness, burning, blurred vision, or swelling persists, transport to the nearest medical facility for additional treatment.  
**Inhalation:** Remove to fresh air if dizzy or nauseated. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.  
**Ingestion:** Do not induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

**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:** Bulk and aerosol: Readily ignited in presence of ignition sources.  
**Flash point:** Min. 57°F (14°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 SKC-S. It will float and spread the fire.  
**Hazardous combustion products:** Smoke, soot, oxides of carbon.  
**Unusual fire hazards:** Aerosol cans may burst if heated above 130°F (54°C) and spray contents into a fire.

### 6. ACCIDENTAL RELEASE MEASURES

Flammable Liquid! Release causes an immediate fire or explosion hazard. Do not touch or walk through spilled material. Prevent spilled material from entering waterways, sewers, basements, or confined area.  
 Mop up or sweep up with absorbent. Use only non-sparking tools to collect absorbed material. Avoid contact with spilled or released material. Immediately remove all contaminated clothing. (For disposal, see Section 13.)

### 7. HANDLING AND STORAGE

Avoid eye contact. Avoid repeated or prolonged skin contact. Avoid breathing spray mist. Do not spray near arcs or flames. Use only in well ventilated areas. Wash thoroughly after handling.  
 Storage Level 3 Aerosols per NFPA 30B

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Controls:** 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 solvent vapor absorbing cartridge if used in enclosed, unventilated space.  
**Warning:** Use of this material in spaces without adequate ventilation may result in generation of hazardous levels of flammable vapors and/or inadequate oxygen levels for breathing. Odor is an inadequate warning for hazardous conditions.

## 9. PHYSICAL PROPERTIES

<b>Initial boiling point (bulk):</b>	Min. 245°F (118°C) (ASTM D-86)	<b>Vapor pressure:</b>	12 and 16 oz. Aerosol: 105psi @ 75°F(24°C) Bulk: 1.5 – 2.0 kPa at 20°C/68.0°F
<b>VOC Content (EPA Method 24):</b>	750 g/L	<b>Vapor density:</b>	4.1
<b>Density/sp. gravity:</b>	0.76	<b>Evaporation rate:</b>	Fast
<b>Water solubility:</b>	0	<b>Appearance:</b>	Clear, colorless liquid
<b>pH:</b>	Neutral	<b>Odor:</b>	Naphtha odor

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions of use  
**Incompatibility:** Avoid heat, sparks, open flames and other ignition sources. Avoid strong oxidizing agents.  
**Hazardous decomposition products:** A complex mixture of airborne solids, liquids, and gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.  
**Reactivity:** None

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity:** Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.  
**Threshold limit value:** 300 ppm  
**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 SKC-S. It floats on water. Components will evaporate rapidly.

## 13. DISPOSAL

As hazardous waste, send to licensed waste handler who can blend it into secondary fuels.  
**RCRA:** Hazardous waste.  
**U.S. EPA Waste Number:** D001

## 14. TRANSPORTATION

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

	<u>Non-Aerosol</u>	<u>Aerosol</u>
<b>Proper shipping name:</b>	Petroleum distillates, n.o.s.	Consumer Commodity
<b>Hazard class or division:</b>	3	ORM-D
<b>Identification No.:</b>	UN1268	None
<b>Packing Group:</b>	II	None

### IATA: List of Dangerous Goods

	<u>Non-Aerosol</u>	<u>Aerosol</u>
<b>Proper shipping name:</b>	Petroleum distillates, n.o.s.	Aerosols, flammable
<b>Hazard class or division:</b>	3	2.1
<b>Identification No.:</b>	UN1268	UN1950
<b>Packing Group:</b>	II	-

### IMDG: General Index

	<u>Non-Aerosol</u>	<u>Aerosol</u>
<b>Proper shipping name:</b>	PETROLEUM DISTILLATES,N.O.S.	AEROSOLS
<b>Hazard class of division:</b>	3.2	2.1
<b>Identification No.:</b>	UN1268	UN1950
<b>Packing Group:</b>	II	-

## 15. REGULATORY INFORMATION

**TSCA:** All ingredients are listed in TSCA inventory.  
**Canadian DSL:** All ingredients are listed in the Canadian DSL.  
**CERCLA:** VM&P Naphtha (64742-89-8) Reportable Quantity 66,667 lbs.  
**SARA TITLE III, Section 313:** Xylene, Mixed Isomer (1330-20-7) <0.13%; meta-Xylene (108-38-3)< 0.05%; Ethylbenzene (100-41-4)< 0.1%; Benzene (71-43-2) <0.005%; Toluene (108-88-3) <0.1%, Naphthalene: <0.002%  
**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: B-2, 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 7  
**Supersedes:** June 23, 2009  
**Prepared by:** Tamie Simmons, Research Manager