

**MATERIAL SAFETY DATA SHEET**

SPOTCHECK® SOLVENT BASED CLEANER/REMOVER SKC-HF

**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:* Wipe on solvent cleaner/remover for penetrant inspection  
*Packages:* 1 gallon cans, 5 gallon pails, 55 gallon drums, aerosols.  
*NFPA Rating:* Health 1, Flammability 2, Reactivity 0  
*PIN (Canada):* Bulk: UN 1268  
*Revision Date:* April 13, 2007

**2. HAZARDOUS INGREDIENTS**

<u>Ingredient</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>
Naphtha (petroleum), hydrotreated heavy	60-100	64742-48-9	not avail.	not avail.	>5 g/kg (oral/rat)	not avail.
Carbon dioxide (propellant for aerosols only)	3-7	124-38-9	not avail.	5,000 ppm	not avail.	not avail.

**3. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**  
Bulk material is a combustible liquid. High vapor concentrations irritate eyes and respiratory tract. Aerosol is flammable.

**POTENTIAL HEALTH EFFECTS**

*Skin Contact:* Can irritate by removing natural skin oils on long or repeated exposures.  
*Eyes:* Can irritate.  
*Inhalation:* 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 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:* Bulk: Can be ignited by an ignition source. Aerosol: Spraying near an ignition source will ignite spray mist.  
*Flash point:* Min. 130°F (54°C)(Pensky-Martens closed cup)  
*Flammable limits in air:* 1% to 9%.  
*Extinguishing media:* Carbon dioxide, foam, dry chemical  
*Special fire fighting procedures:* Keep containers cool with water spray. Do not spray water directly on burning SKC-HF. It will float and spread the fire.  
*Hazardous combustion products:* Smoke, soot, oxides of carbon.  
*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**

Avoid eye contact.  
Avoid repeated or prolonged skin contact.  
Avoid breathing spray mist.  
Do not use next to arcs or flames.

## 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.

## 9. PHYSICAL PROPERTIES

**Initial boiling point (bulk):** Min. 351°F (177°C) (ASTM D-86) **Vapor pressure:** Bulk: 0.9mm @ 68°F (20°C).  
 Aerosol: 105 psi @ 75°F (24°C)  
**VOC Content (EPA Method 24):** 752 g/L **Vapor density:** Heavier than air  
**Density/sp. gravity:** 0.76 **Evaporation rate:** .08 of Butyl Acetate  
**Water solubility:** 0 **Appearance:** Clear, colorless liquid  
**pH:** Neutral **Odor:** Very mild odor

## 10. STABILITY AND REACTIVITY

**Stability:** Stable  
**Incompatibility:** None  
**Hazardous decomposition products:** Soot, oxides of carbon when burning  
**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-HF. It floats on water and evaporates away. It is 100% VOC.

## 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>Bulk</u>	<u>Non-Bulk</u>	<u>Aerosol</u>
<b>Proper shipping name:</b>	Petroleum distillates, n.o.s.	None, Not Restricted	Consumer commodity
<b>Hazard class or division:</b>	3	None	ORM-D
<b>Identification No.:</b>	UN 1268	None	None
<b>Packing Group:</b>	III	None	None
<b>IATA: List of Dangerous Goods</b>	<u>Bulk</u>	<u>Non-Bulk</u>	<u>Aerosol</u>
<b>Proper shipping name:</b>	Petroleum distillates, n.o.s.	None, Not Restricted	Aerosols, flammable
<b>Hazard class or division:</b>	3	None	2.1
<b>Identification No.:</b>	UN1268	None	UN1950
<b>Packing Group:</b>	III	None	-
<b>IMDG: General Index</b>	<u>Bulk</u>	<u>Non-Bulk</u>	<u>Aerosol</u>
<b>Proper shipping name:</b>	PETROLEUM DISTILLATES,N.O.S.	None, Not Restricted	AEROSOLS
<b>Hazard class or division:</b>	3	None	2.1
<b>Identification No.:</b>	UN1268	None	UN1950
<b>Packing Group:</b>	III	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:* Contains nothing on this list  
*WHMIS Class (Canada):* Non-Aerosol: B-3. Aerosol: A, B-5  
**Note:** This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16 headings.

16. **OTHER INFORMATION**

*Revision Statement:* Section 9  
*Supersedes:* MSDS dated November 13, 2006  
*Prepared by:* Tamie Simmons, Research Manager