

**MATERIAL SAFETY DATA SHEET**

**SPOTCHECK<sup>®</sup> PENETRANT SKL-SP1**

**1. IDENTIFICATION**

COMPANY : ITW INDIA PRIVATE LIMITED  
 ADDRESS : PLOT NO 51, 52,207 & 208, PHASE – 2, IDA  
 TSIIC, PASHAMMYLARAM,  
 MEDAK – 502 307, TELANGANA  
 INDIA.  
 TELEPHONE : 91 – 8455 – 224710  
 FAX : 91 – 8455 – 224709  
 PRODUCT USE : Visible inspection penetrant  
 PACKAGES : Aerosol, 1 L, 5 L & 200 L  
 NFPA Rating : Health 1, Flammability 1(Aerosol Flammability 4), Reactivity 0.  
 Revision Date : September 24, 2014.

**2. HAZARDOUS INGREDIENTS**

<u>Ingredient</u>	<u>Wt/Wt%</u>	<u>CAS#</u>	<u>TLV</u>	<u>PEL</u>	<u>LD 50</u>	<u>LC 50</u>
White mineral oil (petroleum)	60 -80	8042-47-5	5mg/m3	5mg/m3	NA	NA
Phthalic esters	5 - 25	----	NA	NA	NA	NA
Isobutane (propellant):	30%	75 - 28-5	NA	1000 ppm	NA	NA

**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 : May Irritate  
 Inhalation : Not significant at room temperatures. When heated or sprayed, vapors may cause dizziness or nausea  
 Ingestion : Not significant in small(mouthful)quantities  
*Medical conditions known to be aggravated by exposure to product: None*

**4. FIRST AID**

Skin Contact : Wash off with soap 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 quantity is not expected to cause significant harm  
 NOTE: In all severe cases, contact physician immediately.

**5. FIRE HAZARD**

Conditions of flammability : Aerosol : Spraying near an ignition source will ignite spray mist  
 Bulk : None unless heated over 93 deg C near ignition source  
 Flash point : Min 93 deg C (PMCC)  
 Flammable limits in air : 1 to 6%  
 Extinguishing media : Carbon dioxide , Foam  
 Special fire fighting procedures : Keep containers cool with water spray.Donot spray water directly on burning SKL-SP1.It may float and spread the fire  
 Hazardous combustion products : Smoke,soot,oxides or carbon and nitrogen  
 Unusual fire hazards : Aerosol containers may burst at temperatures over 54 deg 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

## 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

Initial boiling point (bulk)	: Min 235 deg C	Vapor pressure	: Aerosol 60 psi, Bulk <0.1 mm @ 24 deg C
Percent volatile	: None (30% in aerosol)	Vapor density	: Heavier than air
Density/sp. gravity	: 0.89	Evaporation rate	: Negligible
Water solubility	: 0 (emulsifies into water)	Appearance	: Dark Red oily liquid
pH	: Neutral	Odor	: Mild oily odour

## 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 : 5mg/cubic meter 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 material.

## 12. ECOLOGICAL INFORMATION

No data is available on SKL-SP1. It floats on water and can be skimmed off. Its low bulk vapor pressure may exempt it from VOC restrictions. The hydrocarbon propellant is not an ozone depleter.

## 13. DISPOSAL

As a non-hazardous oily waste, incinerate or send to waste handler who can blend it into secondary fuels. Empty aerosol cans before disposal. Non hazardous waste as per classification in The Hazardous Wastes (Management and Handling) Rules 1989, of CPB, India  
 RCRA: Not a hazardous waste  
 U.S EPA Waste number: None

## 14. TRANSPORTATION

	<u>Bulk (IATA &amp; IMDG)</u>	<u>Aerosol(IATA)</u>	<u>Aerosol(IMDG)</u>
Proper shipping name	: None, not restricted	Consumer commodity	Aerosols
Hazard class or division	: None	2.1	2.1
Identification No.	: None	UN 1950	UN 1950
Packing Group	: 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

## 16. OTHER INFORMATION

Revision Statement : New logo & address  
 Prepared by : Sunil N S, Q.C Dept..