MATERIAL SAFETY DATA SHEET

SPOTCHECK ® PENETRANT SKL-SP1 XTemp range

1. IDENTIFICATION

COMPANY	:	ITW INDIA PRIVATE LIMITED
ADDRESS	:	PLOT NO 51, 52,207 & 208, PHASE – 2, IDA TSIIC, PASHAMMYLARAM, SANGAREDDY – 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	:	APR 14, 2026.

2. HAZARDS DENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS classification

Flam. Aerosol 2
Liquefied gas
Asp Tox.1
Simple Asphy

2.2 LABEL ELEMENTS

Hazard Pictograms (GHS) :

Signal Word (GHS)	:	Danger
Hazard Statement (GHS)	:	Flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. May displace oxygen and cause rapid suffocation
Precautionary statements (GHS)	:	Keep away from heat/sparks/open flames/hot surfaces. No Smoking. Do not spray on an open flame or other ignition source. Pressurised container: Do not pierce or burn, even after use. If swallowed immediately call a doctor .Do not induce vomiting. Protect from sunlight.Donot expose to temperatures exceeding 50 deg C. Store in a well-ventilated place. Store locked up. Dispose of contents / container in accordance with local/regional/national/international regulations.

2.3 OTHER HAZARDS

No additional information available

2.4 UNKNOWN ACUTE TOXICITY (GHS)

Not applicable

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

3. HAZARDOUS INGRADIENTS

3.1 Substance

Not Applicable

3.2 Mixture

Ingredient	Wt/Wt%	CAS#	TLV	PEL	LD 50	LC 50
Phthalic esters	5 - 25	----	NA	NA	NA	NA
Castor oil	1- 5%	8001-79-4	NA	NA	NA	NA
FAME	40-50%	85566-26-3	NA	NA	NA	NA
Isobutane (propellant):	30%	75 - 28-5	NA	1000 ppm	NA	NA

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 : > 180 deg C (PMCC) – Bulk pack
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.Donot 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) deg C	:	Min 235 deg C	Vapor pressure	:	Aerosol 60 psi, Bulk <0.1 mm @ 24
Percent volatile	:	None (30% in aerosol)	Vapor density	:	Heavier than air
Density/sp. gravity	:	0.845	Evaporation rate	:	Negligible
Water solubility	:	0 (emulsifies into water)	Appearance	:	Dark Red oily liquid
pH	:	Neutral	Odor	:	Mild oily odour
VOC	:	506.81 g/L			

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 CPCB,India
RCRA: Not a hazardous waste
U.S EPA Waste number: None

14. TRANSPORTATION

		Bulk (IATA & IMDG)	Aerosol(IATA)	Aerosol(IMDG)
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		

-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

NFPA Rating:

Bulk **Aerosol pack**

15. **OTHER INFORMATION**

Revision Statement *: New Issue*

MSDS/SKL SP1 XTemp/01 dated 04/2026