MATERIAL SAFETY DATA SHEET

SPOTCHECK ® PENETRANT SKL-WP2

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	:	OCT 28,2025

2. HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

GHS Classification

Flam. Aerosol : 2
Liquified Gas
Skin.irrit :2
Eye Dam. 1
Asp. Tox. 1
Simple Asphy

2.2. LABEL ELEMENTS

GHS labelling

Hazard pictograms (GHS) :

GHS02 GHS04 GHS05 GHS08

Signal word (GHS) : Danger

Hazard statements (GHS) : Flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. Causes serious eye damage. 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. Pressurized container: Do not pierce or burn, even after use. Wash hands thoroughly after handling. Wear protective gloves/eye protection/face protection. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. 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.

3. Composition / Information on Ingredients

3.1 Substance : Not Applicable

3.2 Mixture:

Ingredient	Wt/wt%	CAS#	TLV	PEL	LD 50	LC50
White mineral oil (petroleum)	60-100	8042-47-5	NA	NA	NA	NA
Alcohols (C12-C18),ethoxylated , propoxylated	10-30	69227-21-0	NA	NA	2.6 g/kg (oral/rat)	NA
Alcohols (C11-C15),secondary, ethoxylated	5-10	84133-50-6	NA	NA	2.4 g/kg (oral/rat)	NA
Refined Soyabean oil	5-10	8001-22-7	NA	NA	17.4 g/kg (oral/rat)	NA
9-octadecenamide,N-(2-hydroxy propyl)-(Z)	1-5	111-05-7	NA	NA	NA	NA
Isobutane(propellant – aerosol only)	30	75-28-5	NA	1000 ppm	NA	NA

POTENTIAL HEALTH EFFECTS

Skin Contact : Can irritate by removing natural skin oils on long or repeated exposures
Eyes : Irritating.
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
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-WP2.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
Note: Aerosol products are highly flammable. To minimize the risk of ignition from electrostatic discharge, ensure that all equipment, inspection platforms, and personnel are properly grounded (earthed) before and during inspection activities. Personnel shall use approved self-grounding devices (e.g., antistatic wrist straps or conductive earth strips) where applicable to maintain continuous grounding.

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 @ 21
Percent volatile	:	None (30% in aerosol)	Vapor density	:	Heavier than air
Density/sp. gravity	:	0.88	Evaporation rate	:	Negligible
Water solubility	:	0 (emulsifies into water)	Appearance	:	Red / Violet oily liquid
pH	:	Neutral	Odor	:	Mild 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-WP2. It emulsifies into water and is bio degradable. 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.

14. TRANSPORTATION

U.S.DOT: 49 CFR 172.101 Hazardous Material Table

		Non-aerosol	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

		Non-aerosol	Aerosol
Proper shipping name	:	None, not restricted	Aerosols,flammable
Hazard class or division	:	None	2.1
Identification No.	:	None	UN 1950
Packing Group	:	None	-

IMDG : General Index

		Non-aerosol	Aerosol
Proper shipping name	:	None, not restricted	Aerosols
Hazard class or division	:	None	2.1
Identification No.	:	None	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
WHMIS Class (Canada)	:	Non-Aerosol : D2-B Aerosol : A,B-5,D2-B

NFPA Health Hazrad : 1
NFPA Fire Hazard : 4
NFPA Reactivity : 0

Aerosol

NFPA Health Hazrad : 1
NFPA Fire Hazard : 1
NFPA Reactivity : 0

Bulk

16. **OTHER INFORMATION**

Revision Statement : *Periodic Review and incorporation of Registered office address change*

MSDS/SKL WP2/05 dated 10/2025