

MATERIAL SAFETY DATA SHEET

SPOTCHECK[®] DEVELOPER SKD-S2

1. IDENTIFICATION

COMPANY : ITW INDIA PRIVATE LIMITED
ADDRESS : PLOT NO 51, 52,207 & 208, PHASE – 2, IDA
TSIIC, PASHAMMYLARAM,
SANGAREDDY DIST – 502 307, TELANGANA
INDIA.
TELEPHONE : 91 – 8455 – 224710
FAX : 91 – 8455 – 224709
PRODUCT USE : Developer for dye penetrant inspection
PACKAGES : Aerosol, 1 L, 5 L, 20 L & 205 L
NFPA Rating : Health 2, Flammability 3(Aerosol Flammability 4), Reactivity 0.
Revision Date : Oct 4, 2024

2. HAZARDOUS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS classification

Flam. Aerosol 1
Liquefied gas
Eye irrit. 2A
STOT SE 3
Simple Asphy

2.2 LABEL ELEMENTS

Hazard Pictograms (GHS) :



Signal Word (GHS) : Danger
Hazard Statement (GHS) : Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation. May cause drowsiness or dizziness. May displace oxygen and cause rapid suffocation



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Regd. Office: ITW India Private Limited, Level 1, Lotus Plaza, 732/1, Mehrauli Gurgaon Road, Sector - 14, Gurgaon - 122 001, Haryana, India.

Telephone : +91 - 124 - 4284381, Facsimile : +91 - 124 - 4284389, E-mail : infoindia@itw.com

Corporate Identity Number (CIN) : U32301HR1979PTC038643

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. Wash hands thoroughly after handling. Wear eye protection/face protection. Avoid breathing dust/fumes/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice / attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell. Protect from sunlight. Do not 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.

EMERGENCY OVERVIEW

Extremely flammable white liquid and aerosol. Fast evaporating vapors can reach hazardous levels quickly in unventilated spaces.

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
Propan-2-ol	40-70%	67-63-0	400 ppm	400 ppm	3.6g/kg (oral/mouse)	NA
Propan-2-one	10-30%	67-64-1	750 ppm	750 ppm	6g/kg (oral/rat)	NA
Isobutane(propellant – aerosol only)	30%	75-28-5	NA	1000 ppm	NA	NA
Talc	1-3%	14807-96-6	NA	2mg/m ³	NA	NA

POTENTIAL HEALTH EFFECTS

Skin Contact : Can irritate by removing natural skin oils on long or repeated exposures

Eyes : Irritating but doesnot damage eye tissue.

Inhalation : Cause dizziness and 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 is not expected to cause significant harm

NOTE: In all severe cases, contact physician immediately.

5. Fire Fighting Measures

Conditions of flammability : Bulk & Aerosol : Ignition will occur if used near flames, arcs or any other ignition source

Flash point : 2 deg F (-16 deg C) (PMCC)



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Flammable limits in air : 2 to 15%
Extinguishing media : Carbon dioxide , Foam, Water
Special fire fighting procedures : Keep containers cool with water spray.
Hazardous combustion products : Smoke, soot, oxides or carbon
Unusual fire hazards : Aerosol containers may burst at temperatures over 54 deg C and spray contents into a fire

6. ACCIDENTAL RELEASE MEASURES

Turn off or remove source of ignition. 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 static electricity build up.
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) : mm@38degC	Min 55 deg C	Vapor pressure :	Aerosol 65 psi@24degC, Bulk 150
Percent volatile :	90%	Vapor density :	3
Density/sp. gravity :	0.8	Evaporation rate :	0.4 of ether
Water solubility :	0 (emulsifies into water)	Appearance :	White liquid
pH :	Neutral	Odor :	Alcohol odour
VOC :	655.18 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 : 400 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 material.

12. ECOLOGICAL INFORMATION

Ecology – General : May cause long term adverse effect in the aquatic environment

13. DISPOSAL

Send to a licensed waste facility for proper disposal.
RCRA : Hazardous waste
U.S EPA Waste Number : D001



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14. TRANSPORTATION

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

	<u>Non-aerosol</u>	<u>Aerosol</u>
Proper shipping name :	Flammable liquid,n.o.s (Isopropanol, acetone)	Consumer commodity
Hazard class or division :	3	ORM-D
Identification No. :	UN 1993	None
Packing Group :	II	None

IATA : List of Dangerous Goods

	<u>Non-aerosol</u>	<u>Aerosol</u>
Proper shipping name :	Flammable liquid,n.o.s (Isopropanol, acetone)	Aerosols,flammable
Hazard class or division :	3	2.1
Identification No. :	UN 1993	UN 1950
Packing Group :	II	-

IMDG : General Index

	<u>Non-aerosol</u>	<u>Aerosol</u>
Proper shipping name :	Flammable liquid,n.o.s (Isopropanol, acetone)	Aerosols
Hazard class or division :	3	2.1
Identification No. :	UN 1993	UN 1950
Packing Group :	II	-

15. REGULATORY INFORMATION

TSCA	: All ingredients are listed or excluded from listing in TSCA inventory.
CERCLA	: Reportable quantity (RQ) for Acetone = 5000 lbs.
SARA TITLE III, Section 313	: Acetone
California Proposition 65	: This product contains trace amount of chemicals known to the State of California to cause cancer and to cause birth defects or other reproductive harm.
WHMIS Class (Canada)	: Non-Aerosol : B-2, D2-B Aerosol : A,B-5,D2-B

NFPA Rating :



Bulk Pack



Aerosol Pack

16. OTHER INFORMATION

Revision Statement : Periodic Review

MSDS/SKD S2/06 dated 10/2024



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