

**MATERIAL SAFETY DATA SHEET**

**SPOTCHECK<sup>®</sup> 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 1, Flammability 3(Aerosol Flammability 4), Reactivity 0.  
 Revision Date : April 1, 2020.

**2. HAZARDOUS INGREDIENTS**

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/m3	NA	NA

**3. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

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

**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 HAZARD**

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)  
 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.Donot spray around arcs or flames

MSDS/SKD S2/04 dated.04/2020

Page 1 of 3

## 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 55 deg C	Vapor pressure :	Aerosol 65 psi@24degC, Bulk 150 mm@38degC
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

## 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

No data is available on SKD-S2

## 13. DISPOSAL

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

## 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 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

Note ; This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16 headings.

## 16. OTHER INFORMATION

Revision Statement : Updated the address