



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: 1049DBS
PRODUCT TYPE: Top Coat
CHEMICAL FAMILY: Acrylate Resin
RECOMMENDED USES: Industrial Uses
RESTRICTIONS ON USE: None
MANUFACTURER: Inline Finishing Solutions
ADDRESS: 1000 N. Lake Shore Plaza
Unit 53A
Chicago IL 60611
EMERGENCY PHONE: CHEMTREC
(800) 424-9300 (within USA)
(703) 527-3887 (outside USA)

SECTION 2: HAZARD(S) IDENTIFICATION

Please see Section 3 and 15 for country specific classification information, and Section 11 for additional details.

Hazard Classification according to 29 CFR 1910.1200

Skin Corrosion/Irritation	Category 2	H315
Eye Irritation	Category 2	H319
Skin Sensitization	Category 1	H317
STOT RE (Oral, Liver/Kidney)	Category 2	H373
STOT SE	Category 3	H335
Aquatic Chronic	Category 2	H411

Labeling

Pictograms



Signal Word

WARNING

Hazard Statements

H315 – Causes skin irritation
H317 – May cause an allergic skin reaction
H319 – Causes serious eye irritation
H373 - May cause damage to organs (Liver/Kidney) through prolonged or repeated exposure (Oral)
H335 – May cause respiratory irritation
H411 – Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention :

Do not breathe dust/fume/gas/mist/vapors/spray. Wear protective gloves. Wear eye or face protection. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Use only outdoors or in a well-ventilated area. Avoid release to the environment.

Response :

Get medical attention if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash 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. If eye

irritation persists: Get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. Collect spillage.

Storage :

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal:

Dispose of contents/container in accordance with local/regional regulations.

Hazards Not Otherwise Classified

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME:	CAS NO.	Conc. (% w/w)	GHS Classification
Alkyl Diacrylate	54847-34-6	20 – 40	H315, H317, H319, H335, H411
Tripropyleneglycol diacrylate	42978-66-5	10 – 20	H315, H317, H319, H335, H411
Benzophenone	119-61-9	5 – 10	H412, H373
Alkoxyated Acrylate	Proprietary	1 – 5	H317, H319
Aliphatic Diacrylate	Proprietary	1 – 5	H315, H317, H319
Dipropylene Glycol Diacrylate	57472-68-1	< 3%	H315, H318, H317, H401

Note: See section 8 for occupational exposure limits and section 11 for LC50/LD50 information

SECTION 4: FIRST AID MEASURES**SYMPTOMS/EFFECTS****EYES:**

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes.w2

SKIN:

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Consult a physician if necessary.

INGESTION:

DO NOT induce vomiting. If affected person is fully conscious, give one glass of water to drink. Never give anything by mouth to an unconscious person. May cause burns to mouth throat and stomach. Seek medical advice.

INHALATION:

May give off gas, vapor or dust that is very irritating or corrosive to the respiratory system. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. Remove to fresh air. If breathing is difficult, give oxygen. Consult a physician if necessary.

Most Important Effects**Acute**

Irritating to eyes. Irritating to skin. May cause allergic skin reaction.

Delayed

Repeated exposure may cause damage to internal organs including the liver/kidneys.

SPECIAL TREATMENT

None

SECTION 5: FIRE FIGHTING MEASURES**SUITABLE EXTINGUISHING MEDIA:**

Use, CO₂, dry chemical or foam or whatever is suitable for the source of the fire.

UNSUITABLE EXTINGUISHING MEDIA:

None Known

SUITABLE FIRE FIGHTING EQUIPMENT:	Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.
FIRE AND EXPLOSION HAZARDS:	Heating or fire can release toxic gas
HAZARDOUS DECOMPOSITION PRODUCTS:	Decomposition products may include the following materials: Carbon dioxide Carbon monoxide

SECTION 6: ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES	Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away.
PERSONAL PRECAUTIONS:	Use suitable protective equipment (section 8). Follow all fire-fighting procedures (section 5). Do not touch or walk through spilled material.
PROTECTIVE EQUIPMENT	Wear suitable personal protective equipment including hand and eye/face protection and suitable clothing for the task being performed.
ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS	Prevent entry into waterways, sewers, or confined areas. Do not allow material to contaminate ground water system. For small spills, add absorbent and a non-sparking or explosion-proof means to transfer material to a sealable appropriate container for disposal. For large spills, dike spilled material, or otherwise contain material to ensure runoff does not reach a waterway.

SECTION 6 NOTES: See section 1 for emergency contact information and section 13 for waste disposal

SECTION 7: HANDLING AND STORAGE

HANDLING:	Avoid contact with eyes, skin and clothing. Keep container closed. Use only with adequate ventilation. Avoid breathing vapor or mist. Keep away from heat, sparks and flame. As a precaution, to avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion proof electrical (ventilating, lighting and material handling) equipment. Wash thoroughly after handling.
STORAGE:	Keep container in a well-ventilated area. Keep container lightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).
INCOMPATIBLE MATERIALS	None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

Ingredient name	CAS Number	OEL United States
Tripropyleneglycol diacrylate	42978-66-5	ACGIH TLV – Not available OSHA PEL – Not available AIHA WEL – 1 mg/m ³ ; 8 hours

ENGINEERING CONTROLS: Provide exhaust ventilation or other engineering controls to minimize exposure to airborne particles or vapors.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY SYSTEM	Use appropriate respiratory protection to minimize risk of exposure to airborne particles/vapor or mist if exposed to significant quantities of vapors or airborne particles.
EYES	Safety glasses are considered minimum protection. Safety goggles or a face shield may be necessary depending on quantity of material and conditions of use. It is recommended to not wear contact lenses when working with this chemical.
SKIN & BODY	

Protecting clothing is recommended. Where prolonged contact is likely, wear chemical resistant gloves, a chemical resistant suit and boots. Additional body garments should be used based upon the task being performed.

HANDS

Hand Protection: Wear chemical resistant gloves. Nitrile gloves of minimum thickness >0.5 mm is recommended. Replace gloves immediately when torn or any change in appearance (dimension, color, flexibility, etc.) is noticed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
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APPEARANCE	Slightly Amber Colored
ODOR	Acrylate
ODOR THRESHOLD	N/A
PH	8
MELTING POINT/FREEZING POINT;	Not Determined
INITIAL BOILING POINT AND BOILING RANGE	Not Determined
FLASH POINT	>230 °F, (Setaflash)
EVAPORATION RATE;	Slower than ether
FLAMMABILITY (SOLID, GAS)	Not Determined
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	Not Determined
VAPOR PRESSURE	N/A
VAPOR DENSITY	Not Determined
RELATIVE DENSITY	~ 1.08 g/mL
SOLUBILITY(IES)	Moderate
PARTITION COEFFICIENT: N-OCTANOL/WATER	Not Measured
AUTO-IGNITION TEMPERATURE	N/A
DECOMPOSITION TEMPERATURE	N/A
VISCOSITY	Not Measured

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under recommended storage conditions
CONDITIONS TO AVOID (STABILITY):	Heat, flames and sparks.

Take precautionary measures against static charges and avoid exposure to light.

INCOMPATIBILITY (MATERIAL TO AVOID):

Radical forming initiators, peroxides, strong alkalis or reactive metals to prevent exothermic polymerization.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

Incomplete combustion and thermolysis produces potentially toxic gases such as carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION:

None known

SECTION 11: TOXICOLOGICAL INFORMATION
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Routes of entry:	Skin, Eyes, Ingestion, and Inhalation
Acute Toxicity (Oral)	No data available
Acute Toxicity (inhalation)	No data available
Acute Toxicity (Dermal)	No data available
Inhalation/Corrosion of the skin	Material is irritating to skin
Serious eye damage/eye irritation	Material is irritating to eyes
Respiratory/skin sensitization	Material may cause allergic skin reaction
Repeated dose toxicity	No data available
<u>CMR assessment</u>	
Carcinogenicity	No data available
Mutagenicity	No data available
Teratogenicity	No data available
Toxicity to reproduction	No data available
Genotoxicity in vitro	No data available
Genotoxicity in vivo	No data available
Reprotoxicity/Development/ Teratogenicity	No data available
Specific Target Organ Toxicity - Single exposure	No data available
Specific Target Organ Toxicity - Repeated exposure	May damage organs (liver/kidneys) with long term exposure
Aspiration hazard	No Aspiration toxicity classification
Other information	None

Carcinogenicity	<u>OSHA</u>	<u>ACGIH</u>	<u>NTP</u>	<u>IARC</u>
Benzophenone	N/A	N/A	N/A	2B

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicology Assessment

<u>Ecotoxicity</u>	
Acute aquatic toxicity	Product contains ingredients that have toxicity to aquatic environments.
Chronic aquatic toxicity	Long term exposures to this product have not been evaluated.
<u>Persistence and degradability</u>	
	Product is not expected to be persistent.
<u>Bioaccumulative potential</u>	
	Product is not expected to bioaccumulate.
<u>Mobility in soil</u>	
	No data available
<u>Other adverse effects</u>	
General Information	Do not allow to enter water ways or soil

SECTION 13: DISPOSAL CONSIDERATIONS

- WASTE DISPOSAL METHOD:** Dispose of contents/container in accordance with local and national regulations. Contents should not be released into the environment.
- CONTAMINATED PACKAGING:** Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORT INFORMATION**U.S. DEPARTMENT OF TRANSPORTATION**

UN NUMBER: NOT REGULATED
PROPER SHIPPING NAME:
HAZARD CLASS:
PACKING GROUP:
ENVIRONMENTAL HAZARDS
TRANSPORT IN BULK
SPECIAL PRECAUTIONS

SECTION 15: REGULATORY INFORMATION**U.S. FEDERAL REGULATIONS**

- TSCA (TOXIC SUBSTANCE CONTROL ACT):** All components are listed on or exempt from TSCA.
- CERCLA: HAZARDOUS SUBSTANCES:** No components were found.
- 313 TOXIC CHEMICAL AND RELEASE REPORTING:** No components were found.
- 311/312 HAZARD CATEGORIES:** Immediate (acute) health hazard, delayed (chronic) health hazard, reactive hazard.
- 313 REPORTABLE INGREDIENTS:** No components were found.

STATE REGULATIONS

- CA Prop 65:** WARNING: This product may contain a chemical known to the State of California to cause cancer and birth defects. (Benzophenone).

STATE RIGHT-TO KNOW

Component	CAS	MA	NJ	PA
Triethanolamine	102-71-6	Yes	No	Yes

CANADIAN REGULATIONS:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation and the MSDS contains all information required by the Controlled Products Regulation.

- WHIMS (Classification):** Class D-2B: Material causing other toxic effects (Toxic)

**INVENTORY STATUS**

- United States (TSCA):** All components are listed or exempted
- Canada:** Not Determined

SECTION 16: OTHER INFORMATION**HAZARDOUS MATERIAL INFORMATION SYSTEM:(USA)**

Health	2
Fire Hazard	1
Reactivity	1
Personal Protection	D

Refer to Section 8 for additional information on appropriate personal protection equipment

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Date of Revision: April 2, 2015

Reasons for Revision: New SDS

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