



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: 9934DB
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 SE | Category 3 | H335 |
| STOT RE (Oral, Liver/Kidney) | Category 2 | H375 |
| Aquatic Chronic | Category 3 | H412 |

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 or 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 |
|--------------------------------|----------------|----------------------|------------------------------|
| Aliphatic diacrylate | Proprietary | 20 – 30 | H315, H317, H319, H412 |
| Alkyl diacrylate | Proprietary | 20 – 30 | H315, H317, H319, H335, H411 |
| Trimethylolpropane triacrylate | 15625-89-5 | 5 – 10 | H315, H317, H319 |
| Benzophenone | 119-61-9 | 5 – 10 | H412, H373 |
| Silica | 7631-86-9 | 5 – 10 | H320, H261 |

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

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

Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician.

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. When dry the residual silica can be reactive with water.

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| 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

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| 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

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| 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 |
|------------------|------------|-------------------|
| No reported OELs | | |

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

PERSONAL PROTECTIVE EQUIPMENT

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| 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.

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| SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES |
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| APPEARANCE | Milky White |
| 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 | 100 – 200 cps |

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| SECTION 10: STABILITY AND REACTIVITY |
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| 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

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| 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 |

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

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| SECTION 12: ECOLOGICAL INFORMATION |
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Ecotoxicology Assessment

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| <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 |
|-----------|-----|----|----|----|
| N/A | - | - | - | - |

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)**

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|---------------------|---|
| 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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Reasons for Revision: New SDS

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