



## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT IDENTIFIER:** ST9703X  
**PRODUCT TYPE** UV Topcoat – Soft Feel  
**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  
 (847) 774-8899  
**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 Sensitization	Category 1	H317
Aquatic Acute	Category 2	H401
Aquatic Chronic	Category 2	H411
Acute Toxicity (Oral)	Category 4	H302

### Labeling Pictograms



### Signal Word DANGER

**Hazard Statements**  
 H302- Harmful if swallowed  
 H317 – May cause an allergic skin reaction  
 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. Avoid release to the environment.

**Response :**  
 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. Immediately call a POISON CENTER or physician. Collect spillage.

Storage :  
None specified

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
1-Propanone, 2-hydroxy-2-methyl-1-phenyl	Trade Secret	1-5	H302,H412,H401
Propoxylated Neopentyl Glycol Diacrylate	Trade Secret	10-15	H317,H411,H401

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

Delayed No long term effects known from exposure

#### SPECIAL TREATMENT

None

### SECTION 5: FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Use, CO<sub>2</sub>, dry chemical or foam or whatever is suitable for the source of the fire. When dry the residual silica can be reactive with water.

**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

<b>EMERGENCY PROCEDURES</b>	Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away.
<b>PERSONAL PRECAUTIONS:</b>	Use suitable protective equipment (section 8). Follow all fire-fighting procedures (section 5). Do not touch or walk through spilled material.
<b>PROTECTIVE EQUIPMENT</b>	Wear suitable personal protective equipment including hand and eye/face protection and suitable clothing for the task being performed.
<b>ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS</b>	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

<b>HANDLING:</b>	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.
<b>STORAGE:</b>	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).
<b>INCOMPATIBLE MATERIALS</b>	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

<b>RESPIRATORY SYSTEM</b>	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.
<b>EYES</b>	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.
<b>SKIN &amp; BODY</b>	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.
<b>HANDS</b>	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**

APPEARANCE	Clear milky colored liquid
ODOR	Slight Acrylic Ester
ODOR THRESHOLD	N/A
PH	N/A
MELTING POINT/FREEZING POINT;	Not Determined
INITIAL BOILING POINT AND BOILING RANGE	Not Determined
FLASH POINT	>230 °F, (Setaflash)
EVAPORATION RATE;	Slower than butyl acetate
FLAMMABILITY (SOLID, GAS)	Not Determined
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	Not Determined
VAPOR PRESSURE	N/A
VAPOR DENSITY	Heavier than air
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:** Hazardous polymerization can occur when exposed to direct sunlight. Hazardous exothermic polymerization can occur when heated. Uncontrolled polymerization may cause rapid evolution of heat and increase in pressure that could result in violent rupture of sealed storage vessels or containers.

## SECTION 11: TOXICOLOGICAL INFORMATION

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 damaging to eyes
Respiratory/skin sensitization	Material may cause allergic skin reaction
Repeated dose toxicity	No data available

### CMR assessment

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	No data available
Aspiration hazard	No Aspiration toxicity classification
Other information	None

Carcinogenicity	<u>OSHA</u>	<u>ACGIH</u>	<u>NTP</u>	<u>IARC</u>
Butylated Hydroxytoluene				Group 3

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicology Assessment

#### Ecotoxicity

Acute aquatic toxicity	May be toxic to the environment.
Chronic aquatic toxicity	May have long term toxicity to the aquatic environment

#### Persistence and degradability

Product is not expected to be persistent.

#### Bioaccumulative potential

Product is not expected to bioaccumulate.

#### Mobility in soil

No data available

#### Other adverse effects

General Information	Do not allow to enter water ways or soil
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## 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, reactive hazard.

**313 REPORTABLE INGREDIENTS:** No components were found.

### STATE REGULATIONS

**CA Prop 65:** This product is not known to contain any components listed on California's Proposition 65 List.

### STATE RIGHT-TO KNOW

Component	CAS	MA	NJ	PA	RI

### 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)**

<b>Health</b>	<b>2</b>
<b>Fire Hazard</b>	<b>1</b>
<b>Reactivity</b>	<b>1</b>
<b>Personal Protection</b>	<b>D</b>

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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