



## SAFETY DATA SHEET

### SECTION 1 Product and Company Identification

#### Product

Product Name: [Trans4loor Metallic Epoxy Base Coat, Black, Part A](#)

Product Description: 100% Solids Epoxy Base Coat / Part A

Product Code: SC-T4-01-1A

Intended Use: High build 100% solids, solvent free polyamine epoxy system for decorative epoxy applications.  
/ Resin

#### Company

Manufacturer: SureCrete Design Products, Inc.

15246 Citrus Country Drive  
Dade City, FL 33523  
USA

Contact: 1-352-567-7973 (telephone general)  
1-800-262-8200 Chemtrec  
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[info@surecretedesign.com](mailto:info@surecretedesign.com) (e-mail)  
1-352-521-0973 (facsimile)

### SECTION 2: HAZARDS IDENTIFICATION

SIGNAL WORD: DANGER



HAZARD CLASS	HAZARD CATEGORY
ACUTE TOXICITY	CATEGORY 4 ORAL
ACUTE TOXICITY	CATEGORY 4 DERMAL
ACUTE TOXICITY	CATEGORY 4 INHALATION
SKIN CORROSION/IRRITATION	CATEGORY 2
SERIOUS EYE DAMAGE/IRRITATION	CATEGORY 1
RESPIRATORY SENSITIZER	CATEGORY 1
SKIN SENSITIZER	CATEGORY 1
CARCINOGENITY	CATEGORY 2
TOXIC TO SPECIFIC TARGET ORGAN TOXICITY SINGLE EXPOSURE	CATEGORY 3
ASPIRATION HAZARD	CATEGORY 1
HAZARDOUS TO THE AQUATIC ENVIRONMENT	ACUTE 2
HAZARDOUS TO THE AQUATIC ENVIRONMENT	CHRONIC 2

#### HAZARD STATEMENTS:

H302+H312+H332  
H304  
H315  
H317

HARFUL IF SWALLOWED, IN CONTACT WITH SKIN OR IF INHALED  
MAY BE FATAL IF SWALLOWED OR ENTERS AIRWAY  
CAUSES SKIN IRRITATION  
MAY CAUSE ALLERGIC SKIN REACTION

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H318	CAUSES SERIOUS EYE DAMAGE
H334	MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED
H335	MAY CAUSE RESPIRATORY IRRITATION
H351	SUSPECTED OF CAUSING CANCER
H360	MAY DAMAGE FERTILITY OR THE UNBORN CHILD
H411	TOXIC TO AQUATIC LIFE WITH LONG-LASTING EFFECTS
<b>PRECAUTIONARY STATEMENTS:</b>	
<b>PREVENTION</b>	
P201	OBTAIN SPECIAL INSTRUCTIONS BEFORE USE
P202	DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN UNDERSTOOD
P210	KEEP AWAY FROM HEAT/HOT SURFACES/SPARKS/OPEN FLAMES AND OTHER SOURCES OF IGNITION. NO SMOKING.
P233	KEEP CONTAINER TIGHTLY CLOSED
P240	GROUND AND BOND CONTAINER AND RECEIVING EQUIPMENT
P241	USE EXPLOSION PROOF ELECTRICAL/VENTILATION/LIGHTING/HANDLING EQUIPMENT
P242	USE NON-SPARKING TOOLS
P243	TAKE ACTION TO PREVENT STATIC DISCHARGE
P261	AVOID BREATHING DUST/FUME/GAS/MIST/VAPOR/SPRAY
P264	WASH HANDS AND ANY EXPOSED AREA THOROUGHLY AFTER HANDLING
P270	DO NOT EAT, DRINK, OR SMOKE WHILE USING THIS PRODUCT
P271	USE ONLY OUTDOORS OR IN WELL-VENTILATED AREA
P272	CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE.
P273	AVOID RELEASE TO THE ENVIRONMENT
P281	USE APPROPRIATE PERSONAL PROTECTIVE IMPERVIOUS GLOVES/PROTECTIVE CLOTHING/OSHA APPROVED EYE PROTECTION/FACE PROTECTION
P285	IN CASE OF INADEQUATE VENTILATION, WEAR APPROPRIATE ORGANIC VAPOR RESPIRATORY PROTECTION
<b>RESPONSE:</b>	
P301+P313	IF SWALLOWED, IMMEDIATELY CALL A POISON CENTER/DOCTOR
P303+P361+P353	IF ON SKIN (OR HAIR) TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER (OR SHOWER)
P304+P340	IF INHALED; REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING.
P305+P351+338	IF IN EYES, RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.
P380+P313	IF EXPOSED OR CONCERNED, GET MEDICAL ADVICE/ATTENTION
P312	CALL A POISON CENTER/DOCTOR IF YOU FEEL UNWELL
P321	SPECIFIC TREATMENT (SEE ON THIS LABEL)
P322	SPECIFIC MEASURES (SEE ON THIS LABEL)
P330	RINSE MOUTH
P331	DO NOT INDUCE VOMITING
P333+P313	IF SKIN IRRITATION OR RASH OCCURS, GET MEDICAL ADVICE/ATTENTION
P337+P313	IF EYE IRRITATION PERSISTS, GET MEDICAL ADVICE/ATTENTION
P342+P311	IF EXPERIENCING RESPIRATORY SYMPTOMS, CALL A POISON CENTER/DOCTOR
P362	TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE
P363	WASH CONTAMINATED CLOTHING BEFORE REUSE
P370+P378	IN CASE OF FIRE, USE CARBON DIOXIDE (CO2), POWDER, ALCOHOL-RESISTANT FOAM TO EXTINGUISH
<b>STORAGE:</b>	
P403+P233	STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED.
P403+P235	STORE IN A WELL-VENTILATED PLACE. KEEP COOL.
P405	STORE LOCKED UP.
<b>DISPOSAL:</b>	
P501	STORE SEPARATELY. DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH ALL LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS.



## SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

### Hazard Ratings

	<i>health</i>	<i>flammability</i>	<i>reactivity</i>	<i>PPE</i>
<b>HMIS</b>	2	1	0	B

### SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

COMPONENT	CAS #	PERCENT	EXPOSURE LIMITS			
			OSHA	PEL	ACGIH	TLV
Epichlorohydrin Copolymer	25068-38-6	75-95	NOT ESTABLISHED			
+* OXIRANE, 2,2' [1,4-BUTANEDIYLBIS(OXYMETHYLENE)]	2425-79-8	7.5	NOT ESTABLISHED			
4-Nonyl Hydroxybenzene, Nonylphenol	84852-15-3	2.5-5.0	NOT ESTABLISHED			
PG Monomethyl Ether Acetate	108-65-6	2.5-5.0	NOT ESTABLISHED			
Benzyl Alcohol	100-51-6	0-2.5	NOT ESTABLISHED			
Carbon Black	1333-86-4	0-2.5	3.5 mg/m <sup>3</sup>			
Cumene	98-82-8		50 ppm			

\* Chemical(s) that are chronic health hazards. Refer to section 3 for further information.

+ Toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

^ Hazardous Air Pollutant established by the EPA as directed by the Clean Air Act of 1990.

## SECTION 4 First Aid Measures

### PRIMARY ROUTES OF EXPOSURE:

Skin contact.

### DESCRIPTION OF FIRST AID MEASURES:

**EYES:** Flush with large amounts of water for 15 minutes, lifting upper and lower eyelids. If irritation persists seek medical attention.

**SKIN CONTACT:** Wash contaminated area with soap and water. Remove and launder contaminated clothing.

**INGESTION:** If a large amount is ingested, give water or milk and induce vomiting. Seek medical attention. **INHALATION:** Remove victim to fresh air and provide oxygen if breathing is difficult. If breathing has stopped administer artificial respiration. Seek medical attention if condition persists.

### MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

**EYES:** Direct contact with eyes may cause irritation.

**SKIN:** Prolonged or repeated contact may cause irritation.

**INHALATION:** Inhalation of vapor or mist can cause irritation of nose, throat and lungs and lead to headaches and nausea.

**INGESTION:** Not an anticipated route of exposure. Small amounts are not expected to be harmful.

### CHRONIC HEALTH EFFECTS:

Although some components may indicate chronic exposure effects, no effects are anticipated under normal use conditions due to the relatively low proportion in the total mixture.

### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:



No known effects on other illnesses.

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:**

Treat symptomatically.

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**SECTION 5 FIRE AND EXPLOSION HAZARD DATA**

**SUITABLE EXTINGUISHING MEDIA:**

This material will not burn in its liquid state unless heated above its flash point. Dried films may burn and can be extinguished by water spray, foam, dry chemical or carbon dioxide.

**SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:**

In the event of fire, harmful vapors including carbon monoxide, carbon dioxide, and others may be released. There is the possibility of pressure buildup in closed containers when heated. Water spray may be used to cool these containers.

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:**

Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment. Isolate danger area, keep unauthorized personnel out.

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**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:**

Evacuate area and keep unnecessary and unprotected personnel from entering the spill area. Use proper personal protective equipment listed in section 8.

**ENVIRONMENTAL PRECAUTIONS:**

Keep runoff from storm sewers ditches, streams, lakes and other ground waters and waterways.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP:**

Contain all spills. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Collect into suitable containers and dispose of properly in accordance with all applicable regulations. (See Section 13) Rinse affected area thoroughly with water.

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**SECTION 7 HANDLING AND STORAGE**

**PRECAUTIONS FOR SAFE HANDLING:**

Employees who come in contact with this material must be trained in accordance to 1910.1200 of the Hazard Communication Standard. Wear chemical resistant gloves and protective clothing to minimize contact. The use of respiratory protection is advised when spraying because of mist and dust overspray.

**PRECAUTIONS FOR SAFE STORAGE:**

Keep containers tightly closed. Use and store material in cool, dry, well-ventilated areas away from heat, direct sunlight, hot metal surfaces, and all sources of ignition. Post "No smoking or open flame" sign. Store only in approved containers. Keep away from incompatible materials (see section 10). Protect containers against physical damage. Indoor storage should meet OSHA standards and appropriate fire codes.



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All empty containers should be disposed of in an environmentally safe manner in accordance with all governmental regulations.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**CONTROL PARAMETERS:** SEE SECTION 3 FOR OCCUPATIONAL EXPOSURE LIMIT VALUES

**ENGINEERING CONTROLS:** General room ventilation is adequate.

**PERSONAL PROTECTIVE EQUIPMENT:**

**RESPIRATORY PROTECTION:**

No special requirements under normal use conditions. In confined areas, or areas with poor ventilation, engineering controls should be used to minimize exposure. Use NIOSH/MSHA approved respirator if conditions warrant.

**PROTECTIVE GLOVES:**

Prevent prolonged or repeated contact by wearing chemical resistant gloves and other appropriate protective clothing. Launder contaminated clothing before reuse.

**EYE PROTECTION:**

Wear safety glasses to reduce eye contact potential. Chemical safety goggles (ANSI Z87.1 or approved equivalent) are appropriate if splashing is likely. Eye washes must be available where eye contact can occur.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

A source of clean water should be available for flushing eyes and skin. Showers should be available if larger spills are possible.

**WORK/HYGIENIC PRACTICES:**

Efforts should be made to minimize contact and spills. Always wash hands before eating, drinking, or smoking. Clean up spills promptly. Follow OSHA and company guidelines.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE/PHYSICAL STATE:** Liquid

**ODOR:** Odorless.

**ODOR THRESHOLD:** Not measured

**MELTING/FREEZING POINT:** Not Determined **SPECIFIC GRAVITY (H<sub>2</sub>O=1):**

1.13 **EVAPORATION RATE:** Not Determined

**FLASH POINT:** 480 FSETAFLASH

**UPPER EXPLOSION LIMIT:** n/a

**LOWER EXPLOSION LIMIT:** n/a

**DECOMPOSITION TEMPERATURE:** Not Available **COATING V.O.C.:** 57 g/l (0.47 lb/gal)

**COLOR:** Various colors

**pH:** Not Determined

**SOLUBILITY IN WATER:** Insoluble/Negligible **BOILING POINT/RANGE:**

VAPOR DENSITY: Greater Than Air **FLAMMABILITY:** Not determined

**VAPOR PRESSURE:** Not Determined

**AUTO-IGNITION TEMPERATURE:** Not Determined **PARTITION COEFFICIENT:** Not Available **VISCOSITY:** Not Determined

**SECTION 10 STABILITY AND REACTIVITY DATA**

**REACTIVITY:** Will not occur.



DECORATIVE EPOXY SYSTEMS

TRANSCENDING WHAT IS  POSSIBLE WITH EPOXY**CHEMICAL STABILITY:**

Stable under normal conditions and handling.

**POSSIBILITY OF HAZARDOUS REACTIONS:**

No hazardous reactions if stored and handled as prescribed/indicated.

**CONDITIONS TO AVOID:**

None known

**INCOMPATIBLE MATERIALS:**

Avoid exposure to strong oxidizing agents and reducing agents.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:**

Combustion may liberate toxic byproducts such as carbon dioxide, and carbon monoxide, various oxides of carbon and nitrogen. Thermal decomposition may liberate acrylic monomers and ammonia.

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**SECTION 11 TOXICOLOGICAL INFORMATION****SENSITIZATION:**

Product is a skin sensitizer; sensitization can be severe in susceptible individuals.

**CARCINOGENICITY:**

There is no data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard. IARC concluded that there is "sufficient evidence in experimental animals for the carcinogenicity of carbon black" and inadequate evidence of carcinogenicity in humans, and overall evaluated carbon black as a "possible carcinogen to humans" (Group 2B). Carbon black has not been listed as a carcinogen by NTP or OSHA. Because this product is a free flowing liquid, inhalation is not an expected route of exposure.

**REPRODUCTIVE TOXICITY:**

There is no data available to indicate any components present at greater than 0.1% may present reproductive toxicity.

**TERATOGENICITY (BIRTH DEFECTS):**

There is no data available to indicate any components present at greater than 0.1% may cause birth defects.

**MUTAGENICITY:**

There is no data to indicate that any component present at greater than 0.1% will alter DNA.

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**SECTION 12 ECOLOGICAL INFORMATION****ECOTOXICITY:**

No data available.

**PERSISTENCE AND DEGRADABILITY:**

Not readily degradable.

**BIOACCUMULATIVE POTENTIAL:**

No data available.



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**MOBILITY IN SOIL:**

No data available.

**OTHER ADVERSE EFFECTS:** Although no information is available for this specific product mixture, individual components may by themselves may have ecological affects. Nonylphenol is a marine pollutant.

**SECTION 13 DISPOSAL CONSIDERATIONS**

This product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261, however, state and local regulations may be more restrictive. Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

**SECTION 14 TRANSPORT INFORMATION**

**PROPER SHIPPING NAME:** (UN #, SHIPPING NAME, HAZARD CLASS, PACKING GROUP)

Not regulated.

**SECTION 15 REGULATORY INFORMATION****US TOXIC SUBSTANCE CONTROL ACT (TSCA):**

All ingredients of this product are listed, or are excluded from listing, on the US Toxic Substances Control Act (TSCA) chemical substance inventory.

**SARA 302 EXTREMELY HAZARDOUS SUBSTANCE:** NONE

**SARA 311/312 HAZARDOUS CHEMICAL:** SEE SECTION 3

**SARA 313 (TRI REPORTING):**

This product does contain a chemical(s) subject to the reporting requirements of SARA Title III, Section 313 (40CFR 372). See section 3.

STATE LISTED COMPONENTS	CAS NUMBER	STATE CODE
Phenylglycidyl Ether	122-60-1	CA
Bisphenol A	80-05-7	CA, MA, NJ, PA
Cumene	98-82-8	CA,CT,FL,IL,LA,MA,ME,MN,NJ,PA,RI

**CALIFORNIA PROPOSITION 65**

This product contains a chemical(s) known to the state of California to cause cancer, birth defects or reproductive harm, which are subject to the requirements of California Proposition 65.

Phenylglycidyl Ether	CAS #122-60-1	CANCER
Cumene	CAS#98-82-8	CANCER
Bisphenol A	CAS#80-05-7	DEVELOPMENTAL FEMALE



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## SECTION 16 OTHER INFORMATION

REVISION DATE: 01/04/21

To the best of our knowledge the information contained here is accurate. However, neither the above named manufacturer nor any of its distributors assumes any liability whatsoever for the accuracy or the completeness of the information contained herein. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.