



<p><b>Material Safety Data Sheet</b> ECO-CHOICE Premium Epoxy Pool Coating 2-Part Epoxy Paint</p>
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**Product Name: ECO-CHOICE Premium Epoxy Pool Coating\***

Company: SAU-SEA Swimming Pool Products, Inc.  
1855 Route 206  
Southampton, NJ 08088  
Tel: 800-472-8732

**Emergency Information:** 24 hour contact **Chemtrec 1-800-424-9300**

**\*This product is a kit that contains 2 components. Information is attached for these 2 components:**

**MSDS for ECO-CHOICE Premium Epoxy Pool Coating PART A (Resin/Colorizer)**

**MSDS for ECO-CHOICE Premium Epoxy Pool Coating PART B (Activator/Clear)**



<p align="center"><b>Material Safety Data Sheet</b> ECO-CHOICE Premium Epoxy Pool Coating <b>Part A-Resin/Colorizer</b></p>
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## 1. Product Identification

Product Name: ECO-CHOICE Premium Epoxy Pool Coating, Part A  
Product Use: Pool Coating - Part A (Resin/Colorizer) of 2 part Paint  
Company: SAU-SEA Swimming Pool Products, Inc.  
1855 Route 206  
Southampton, NJ 08088  
Tel: 800-472-8732

**Emergency Information:** 24 hour contact **Chemtrec 1-800-424-9300**

## 2. Hazards Identification

### Emergency Overview

White or colorized liquid. Mild aromatic odor. FLAMMABLE liquid and vapor. Liquid can release vapors that form an explosive mixture with air, at or above the flashpoint. Eliminate sources of ignition. Contact may cause skin sensitization, as allergic reaction which becomes evident on re exposure to this material. May cause irritation to the respiratory system. May cause nausea, dizziness, headaches, drowsiness, weakness, and fatigue. Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

### Acute Potential Health Effects/ Routes of Entry

Inhalation: Vapor may cause irritation to the respiratory system. Symptoms seen at air concentrations above the recommended exposure limit may include nausea, headaches, and dizziness. Exposure to high air concentrations could result in severe respiratory irritation, liver and kidney damage, and even death.

Eyes: Direct contact with this material causes eye irritation. Contact with vapor or vapor mist may cause eye irritation and discomfort.

Ingestion: May cause irritation to the mouth, throat and stomach. Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful.

Skin: May cause moderate irritation or sensitization resulting in itching and redness.

**Acute (Immediate) Overexposure:** Can lead to central nervous system depression, producing such effects as giddiness, headache, nausea. In extreme cases, unconsciousness and death may occur.

**Existing Medical Conditions:** Pre-existing eye, skin, liver, kidney and respiratory disorders may be aggravated by exposure.

**Chronic (Delayed) Overexposure:** Irritation to eyes, nose, and throat. Prolonged and repeated liquid contact can cause defatting and drying of the skin which may result in skin irritation and dermatitis, central nervous system effects, heart muscle sensitization and arrhythmia, hearing loss, and brain, liver and kidney damage. Overexposure to methyl isobutyl ketone can cause narcosis and can adversely affect the central nervous system and cardiovascular system.

**Signs and Symptoms of Exposure:** Irritation as noted above. Aspiration pneumonitis may be evidenced by coughing, labored breathing and cyanosis (bluish skin).

**Medical Conditions Aggravated by Exposure:** Pre-existing eye, skin, and respiratory disorders may be aggravated by exposure to this product. Preexisting skin or respiratory tract allergies may increase the chance of developing increased allergy symptoms from exposure to this product.

### 3. Product Composition

Chemical Name	CAS No.	Weight % Ranges
Titanium dioxide	13463-67-7	20.0-40.0
Epoxy Resin	25036-25-3	20.0-40.0
Aliphatic Hydrocarbon	108-10-1	15.0-30.0
NJ TSN 222664720-5000	Trade Secret	10.0-30.0
Anhydrous Aluminum Silicate	66402-68-4	5.0-10.0

### 4. First Aid Measures

Get immediate medical attention for any significant overexposure.

Inhalation	Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
Eye contact	Flush with water for at least 15 minutes while holding eye lids apart. If irritation persists, get medical attention immediately.
Skin contact	Clean area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
Ingestion	Do not induce vomiting unless advised by a physician. Aspiration Hazard: Material may enter the lungs during vomiting. Get medical attention. Call nearest Poison Control Center or physician immediately.

### 5. Fire Fighting Measures

Flash point:	60 °F, 16 °C
Method:	Tag Closed Cup
Lower explosion limit:	N / A
Upper explosion limit:	N / A
Autoignition temperature:	N / A.
Extinguishing media:	Dry chemical, foam, carbon dioxide, water fog. Do not use a direct stream of water.
Hazardous combustion products:	May form: Smoke, fumes, carbon monoxide and carbon dioxide.
Protective equipment for Firefighters:	Wear full fire-fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA) as toxic gases may be released during fire.
Fire & explosion conditions:	Vapor concentrations in enclosed areas may ignite explosively. Product may ignite if heated in excess of its flash point. Vapors may travel to sources of ignition and flashback. Closed container may burst when exposed to extreme heat. Water may be used to cool closed containers to minimize pressure build-up. Empty containers may contain ignitable vapors.



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## 6. Accidental Release Measures

**Warning:** Flammable Liquid. Keep away from heat, sparks and open flame! Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking. Avoid contact with material.

**Small spills:** Take up with absorbent material and place in non-leaking containers. Seal tightly for proper disposal.

**Large Spills:** Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike, contain and keep out of water courses. If vapor cloud forms, water fog may be used to suppress. Soak up residue with absorbent material such as clay, sand, or other suitable material. Indoors: Ventilate area by opening doors, windows. Do not use building ventilation system. Use only explosion-proof equipment. Place in non-leaking container for proper disposal. Flush area to remove trace residue.

**Waste Disposal Method:** Use appropriate protective equipment. Avoid contact with material. Remove sources of ignition immediately. Comply with all applicable federal, state, and local regulations for disposal of ignitable hazard waste material used for clean-up.

## 7. Handling and Storage

Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. To prevent generation of static discharges, use bonding/grounding connection when pouring liquid. Extinguish all ignition sources including pilot lights, non-explosion proof motors and electrical equipment until vapors dissipate. Personal protective equipment must be worn during maintenance or repair of contaminated mixer, reactor, or other equipment. Keep container closed when not in use. Vapor may migrate to sources of ignition. **Do not smoke, weld, generate sparks, or use flame near container.** Store upright in sealed containers in a cool, dry, ventilated warehouse location.

## 8. Exposure Controls and Personal Protection

**Respiratory Protection:** Avoid prolonged or repeated breathing of vapors. If exposure exceeds occupational exposure limits, use a NIOSH-approved respirator to prevent overexposure. In accord with 29CFR 1910.134 use either a full-face, atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

**Ventilation:** Use only in well-ventilated areas. Provide maximum ventilation with explosion-proof ventilation equipment in enclosed areas.

**Eye Protection:** Wear splash-proof chemical safety goggles. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eyewash facilities readily available.

**Protection Gloves:** Use polyethylene gloves.

**Other Protective Clothing or Equipment:** Wear clean protective clothing and footwear to prevent skin contact. Use explosion-proof ventilation, as required, to control vapor concentrations.



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ECO-CHOICE Premium Epoxy Pool Coating  
**Part A-Resin/Colorizer**

**Exposure Limits**

<b>Hazardous Components</b> (Chemical / Common Names)	<b>Weight %</b>	<b>OSHA PEL</b>	<b>OSHA TWA</b>	<b>ACGIH TWA</b>	<b>CAS#</b>
Titanium Dioxide (Hazard Only As Dust)	20	15mg/m <sup>3</sup>	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>	13463-67-7
Aliphatic Hydrocarbon	23	410mg/m <sup>3</sup>	--	50ppm	108-10-1
NJ TSRN 222664720-5000	15	N / E	N / E	N / E	trade secret

## 9. Physical and Chemical Properties

**Boiling Point:** ~245 degrees Fahrenheit (118 degrees C.)

**Evaporation Rate:** Slower Than n-Butyl Acetate

**pH :** N/A

**Freezing Point:** N.D.

**Solubility in Water:** Negligible

**Reactivity in Water:** Non-Reactive in Water

**Specific Gravity:** 1.23

**Vapor Density:** Heavier Than Air

**Vapor Pressure:** N.D.

**Melting Point:** N.D.

**Appearance and Odor:** White or colored liquid with solvent odor

## 10. Stability and Reactivity

**Stability:** Stable under normal storage, handling and use.

**Conditions to Avoid:** Heat, sparks, flame and contact with non-explosion-proof electrical equipment.

**Incompatibility (Materials to Avoid):** Strong oxidizing agent. Epoxy curing agents. Amines.

**Hazardous Decomposition Products:** Carbon monoxide and unidentified organic compounds may be formed during combustion.

**Hazardous Polymerization:** Will Not Occur.

## 11. Toxicological Information

Methyl Isobutyl Ketone, CAS #108-10-1

Acute oral toxicity (LD50) 3,523 - 8600 mg/kg (rat)

Acute inhalation toxicity (LC-50) 6350 mg/l (rat)

Epoxy Resin, CAS#25068-38-6

Acute oral toxicity (LD50) 11.4 gm/kg (rat)

Acute inhalation toxicity (LC50) N/A

Acute dermal toxicity (LD50) 20 gm/kg (rabbit)

CAS # not listed by OSHA, IARC or NTP



<p><b>Material Safety Data Sheet</b> ECO-CHOICE Premium Epoxy Pool Coating <b>Part A-Resin/Colorizer</b></p>
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## 12. Ecological Information

No data available

## 13. Disposal Considerations

Subject to hazardous waste treatment, storage, and disposal requirements under RCRA. Recycle or incinerate waste at EPA approved facility or dispose of in compliance with federal, state, and local regulations.

## 14. Transportation Information

**US DOT Shipping Description:** PAINT, 3, UN 1263, PG II

**Labels:** Flammable Liquid

## 15. Regulatory Information

U.S. Federal Regulations:

SARA 311/312 Hazards: Acute Health Hazard, Fire Hazard

SARA 313 Hazards: Methyl isobutyl ketone CAS No. 108-10-1

OSHA Status: Considered Irritant

Hazardous based on following criteria:

OSHA Flammability: IB

When properly mixed with companion Part B, the combined product has a Regulatory VOC (less water and exempt solvent) of  $\leq 340\text{g/l}$



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ECO-CHOICE Premium Epoxy Pool Coating  
**Part A-Resin/Colorizer**

**16. Other Information**

HMIS Rating:

Health: 2

Flammability: 3

Reactivity: 0

PPE: H

Further Information:

For industrial use only. Keep out of reach of children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with SAU-SEA or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

Legend:

ACGH—American Conference of Governmental Hygienists

NTP—National Toxicology Program

DOT—Department of Transportation

EPA—Environmental Protection Agency

HMIS—Hazardous Materials Information System

NIOSH—National Institute for Occupational Safety and Health

N/A—Not Available

N.D.—Not Determined

OSHA—Occupational Safety and Health Administration

PEL—Permissible Exposure Limit

PPE—Personal Protection Equipment

RCRA—Resource Conservation and Recovery Act

SARA—Superfund Amendments and Reauthorization Act

SCBA—Self-Contained Breathing Apparatus

TLV—Threshold Limit Value

VOC—Volatile Organic Compound

## 1. Product Identification

Product Name: ECO-CHOICE Premium Epoxy Pool Coating, Part B  
Product Use: Pool Coating - Part B (Activator/Clear) of 2 part Paint  
Company: SAU-SEA Swimming Pool Products, Inc.  
1855 Route 206  
Southampton, NJ 08088  
Tel: 800-472-8732

**Emergency Information:** 24 hour contact **Chemtrec 1-800-424-9300**

## 2. Hazards Identification

### Emergency Overview

Amber colored liquid. Mild aromatic odor. FLAMMABLE liquid and vapor. Liquid can release vapors that form an explosive mixture with air, at or above the flashpoint. Eliminate sources of ignition. Contact may cause skin sensitization, as allergic reaction which becomes evident on re exposure to this material. May cause irritation to the respiratory system. May cause nausea, dizziness, headaches, drowsiness, weakness, and fatigue. Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

### Acute Potential Health Effects/ Routes of Entry

**Inhalation:** Vapor may cause irritation to the respiratory system. Symptoms seen at air concentrations above the recommended exposure limit may include nausea, headaches, and dizziness.

**Eyes:** Direct contact with this material may cause temporary redness or discomfort. Contact with vapor or vapor mist may cause eye irritation and discomfort.

**Ingestion:** May cause irritation to the mouth, throat and stomach. May cause gastrointestinal irritation, nausea, and vomiting.

**Skin:** May cause moderate irritation or sensitization resulting in itching and redness. .

### **Chronic (Delayed) Overexposure:**

**Inhalation:** May cause respiratory sensitization or asthma in susceptible individuals. Excess exposure may cause slight irritation to upper respiratory tract.

**Eyes:** Contact with this material may cause irritation with corneal injury, which may result in permanent impairment of vision, even blindness. Contact with vapor or vapor mist may cause eye irritation and discomfort.

**Ingestion:** Single dose oral toxicity is low. The oral LD<sub>50</sub> for rats is considered to be greater than 2000 mg/kg. Ingestion may cause gastrointestinal irritation or ulceration. Ingestion may cause burns of mouth and throat.

**Skin:** May cause severe injury to skin following prolonged or repeated contact, and may cause skin sensitization or other allergic responses. A single prolonged exposure may result in the material being absorbed in harmful amounts.

**Medical Conditions Aggravated by Exposure:** Pre-existing eye, skin, and respiratory disorders may be aggravated by exposure to this product. Preexisting skin or respiratory tract allergies may increase the chance of developing increased allergy symptoms from exposure to this product.

**3. Product Composition**

Chemical Name	CAS No.	Weight % Ranges
Epoxy Curing Agent	68410-23-1	50.0 - 80.0
Xylene	1330-20-7	30.0 - 60.0

**4. First Aid Measures**

Get immediate medical attention for any significant overexposure.

Inhalation	Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
Eye contact	Immediate and continuous irrigation with flowing water for at least 30 minutes is required.
Skin contact	Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing, preferably under a safety shower. Avoid prolonged or repeated contact to skin. Wash thoroughly after handling with soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
Ingestion	Do not induce vomiting unless advised by a physician. Aspiration Hazard: Material may enter the lungs during vomiting. Give large amounts of water or milk if available and transport to medical facility.

NOTE TO PHYSICIAN: Corrosive. May cause stricture. If lavage is performed, suggest endotracheal and/or esophagoscopy control. If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

**5. Fire Fighting Measures**

Flash point:	81 °F
Method:	PMCC
LFL:	1.0
UFL:	7.0
Autoignition temperature:	N / A.
Extinguishing media:	Water fog, foam, CO <sub>2</sub> , dry chemical
Fire & Explosion Hazards:	Water or foam may cause frothing. Vapors flammable. Vapor concentrations in enclosed areas may ignite if heated in excess of its flash point. Vapors may travel to sources of ignition and flashback. Closed container may burst when exposed to extreme heat. Water may be used to cool closed containers to minimize pressure build-up. Empty containers may contain ignitable vapors.
Hazardous combustion products:	May form smoke, fumes, carbon monoxide, nitrogen organic and organic compounds of unknown structure.
Protective equipment for Firefighters:	Wear full fire-fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA) as toxic gases may be released during fire.

## 6. Accidental Release Measures

**Warning:** Flammable Liquid. Keep away from heat, sparks and open flame! Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking. Avoid contact with material.

**Small spills:** Take up with non-combustible absorbent material and shovel into non-leaking containers. Seal tightly for proper disposal.

**Large Spills:** Large quantities should be recovered. Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike, contain and keep out of water courses. If vapor cloud forms, water fog may be used to suppress. Soak up residue with absorbent material such as clay, sand, or other suitable material. Indoors: Ventilate area by opening doors, windows. Do not use building ventilation system. Use only explosion-proof equipment Place in non-leaking container for proper disposal. Flush area to remove trace residue.

**Waste Disposal Method:** Use appropriate protective equipment. Avoid contact with material. Remove sources of ignition immediately. Comply with all applicable federal, state, and local regulations for disposal of ignitable hazard waste material used for clean-up.

## 7. Handling and Storage

**Exposure Guideline(s):** Xylene PEL 100 ppm.

**Ventilation:** Control airborne concentration with NEM type N canister mask to reduce amine Vapors. Use only with adequate ventilation. Explosion-proof exhaust ventilation may be necessary for some operations (confined areas).

**Special Precautions to be Taken in Handling and Storage:** Ground all transfer equipment. This product should not come in contact with copper or copper-bearing alloys. Good general housekeeping procedure should be followed.

Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. To prevent generation of static discharges, use bonding/grounding connection when pouring liquid. Extinguish all ignition sources including pilot lights, non-explosion proof motors and electrical equipment until vapors dissipate. Personal protective equipment must be worn during maintenance or repair of contaminated mixer, reactor, or other equipment. Keep container closed when not in use. Vapor may migrate to sources of ignition. **Do not smoke, weld, generate sparks, or use flame near container.** Store upright in sealed containers in a cool, dry, ventilated warehouse location.

## 8. Exposure Controls and Personal Protection

**Respiratory Protection:** Avoid prolonged or repeated breathing of vapors. If exposure exceeds occupational exposure limits, use a NIOSH-approved respirator to prevent overexposure. In accord with 29CFR 1910.134 use either a full-face, atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

**Ventilation:** Use only in well-ventilated areas. Provide maximum ventilation with explosion-proof ventilation equipment in enclosed areas.

**Eye Protection:** Wear splash-proof chemical safety goggles. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eyewash facilities readily available.

**Skin Protection:** Use protective clothing impervious to this material. Selection of specific items such as gloves, boots, apron or full body suit will depend on operation. Safety shower should be located in immediate work area. Remove contaminated clothing immediately, wash skin area with soap and water and launder clothing before reuse. Contaminated leather items, such as shoes, belts and watchbands, should be removed and destroyed.

**Eye Protection;** Use safety glasses or better. If vapor exposure causes eye irritation, use a full-face respirator. Eye wash fountain should be located in immediate work area.

## 9. Physical and Chemical Properties

**Boiling Point:** 290° F.

**Evaporation Rate:** N/A

**pH :** N/A

**Freezing Point:** N.D.

**Solubility in Water:** Slight

**Specific Gravity:** 0.94

**Vapor Density:** 6.6 mm Hg

**Vapor Pressure:** N.D.

**Melting Point:** N.D.

**Appearance and Odor:** White or colored liquid with solvent odor

## 10. Stability and Reactivity

**Stability:** Stable

**Conditions to Avoid:** Heat, sparks, flame and contact with non-explosion-proof electrical equipment.

**Incompatibility (Materials to Avoid):** Strong oxidizing agent. Epoxy resins under uncontrolled conditions.

**Hazardous Decomposition Products:** Carbon monoxide and unidentified organic compounds may be formed during combustion.

**Hazardous Polymerization:** Will not occur by itself.

## 11. Regulatory Information

U.S. Federal Regulations:

SARA 311/312 Hazards: Acute Health Hazard, Chronic Hazard, Fire Hazard.

SARA Title III, Sections 301-304: No components present in this product at required reporting level

SARA 313 & CERCLA: Components present in this product at level which could require reporting under these statutes are:

	CAS	% by Weight	RQ
Benzene,-dimethyl	#1330-20-7	25.73	100 lbs
Benzene,-ethyl	#100-41-4	5.25	1000 lbs

OSHA Status: Considered Irritant

Hazardous based on following criteria:

OSHA Flammability: IB

When properly mixed with companion Part A, the combined product has a Regulatory VOC (less water and exempt solvent) of  $\leq 340\text{g/l}$

## 12. Ecological Information

No data available

## 13. Disposal Considerations

Subject to hazardous waste treatment, storage, and disposal requirements under RCRA. Recycle or incinerate waste at EPA approved facility or dispose of in compliance with federal, state, and local regulations.



**Material Safety Data Sheet**  
**ECO-CHOICE Premium Epoxy Pool Coating**  
**Part B-Activator/Clear**

**14. Transportation Information**

**US DOT Shipping Description:** PAINT, 3, UN 1263, PG II

**Labels:** Flammable Liquid

**15. Other Information**

HMIS Rating:

Health: 2

Flammability: 3

Reactivity: 0

PPE: H

When properly mixed with companion Part A, the combined product has a Regulatory VOC (less water and exempt solvent) of  $\leq 340\text{g/l}$

Further Information:

For industrial use only. Keep out of reach of children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with SAU-SEA or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

Prepared by: Edward T. Hunter

Legend:

ACGH—American Conference of Governmental Hygienists

NTP—National Toxicology Program

DOT—Department of Transportation

EPA—Environmental Protection Agency

HMIS—Hazardous Materials Information System

NIOSH—National Institute for Occupational Safety and Health

N/A—Not Available

N.D.—Not Determined

OSHA—Occupational Safety and Health Administration

PEL—Permissible Exposure Limit

PPE—Personal Protection Equipment

RCRA—Resource Conservation and Recovery Act

RQ---Reportable Quantities

SARA—Superfund Amendments and Reauthorization Act

SCBA—Self-Contained Breathing Apparatus

TLV—Threshold Limit Value

VOC—Volatile Organic Compound