

**SECTION 1 Product and Company Information**

**PRODUCT NAME:** SeamTek® UV13 Clear surface Coat Chemtrec  
**GENERIC NAME:** Vinyl ester resin 24 Hour Emergency Number 1-800-424-9300  
Information Number: 1-800-666-6216  
**DISTRIBUTOR:** LSP Performance Resins  
 124 Speer Road  
 Chestertown, MD 21620  
 Comments: To the best of our knowledge, this Material Safety Data Sheet conforms to the requirements of US OSHA 29 CFR1910.1200, 91/155/ECC and Canadian Hazardous Products Act

**SECTION 2 Hazards Identification**

Emergency Overview – no known huma or animal health effects dada – these are expectations <b>OSHA Hazardous</b> Target Organ Effect: Skin Sensitizer, Irritant Target Organs: Respiratory, eyes, Skin Physical Appearance: Viscous liquid Immediate Concerns: Skin Irritation		Potential Health Effects Skin: Will cause irritation and dermatitis, repeated overexposure will cause dermatitis and sensitization. Sensitized persons may experience rapid irritation of skin upon exposure. Inhalation and Ingestion: Irritation to system
Carcinogenicity: Not listed by NTP Not Listed by IARC Not Listed by OSHA	Reproductive Toxicity Reproductive Effects : Not Available Teratogenic Effects: Not Available	Signs and Symptoms of Overexposure: Irritation of Skin,  Medical Conditions Aggravated: Allergy, Skin Disorders

**GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS**

Health		Environmental	Physical
Acute Toxicity, Oral	Category 5	Not Classified	Not Classified
Skin Irritant	Category 2		
Serious Eye Damage	Category 1		
Skin Sensitization	Category 1		

Pictogram:



**Signal Word** Danger

Hazard Statements		Precautionary Statements
H303	Maybe harmful if swallowed	P280 Wear protective gloves/protective clothing/eye protection/face protection P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
H315	Causes skin irritation	
H317	May cause an allergic skin reaction	
H318	Causes serious eye damage	

**SECTION 3 Composition / Information on Ingredients**

Chemical Name	CAS	Wt%
Unsaturated Vinyl ester Resin	See Index	Ap 25-85
Monomer(s)	See index	Ap 15-75

**SECTION 4 First Aid Measures**

**EYE CONTACT:** Get medical attention immediately. Immediately flush eyes gently with large amounts of water, holding lids open for at least 20-30 minutes, retracting eyelids often. Check for, and remove contact lenses.

**SKIN CONTACT:** Get medical attention immediately. Flush contaminated skin with plenty of WATER. Do NOT wash with solvents. Wash contaminated clothing thoroughly with water before removing it or wear gloves. Continue to rinse for at least 15 minutes. If sticky, use waterless cleaner first. May cause irritation and allergic reaction. Seek medical advice if irritation develops or persists.

**INHALATION:** Move exposed person to fresh air. Get medical attention immediately. If it is suspected that fumes are still present, the rescuer should wear an appropriate make of self contained breathing apparatus. Keep person warm and at rest. If not breathing or breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing air to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. **PROMT ACTION IS ESSENTIAL**

**INGESTION:** If large quantity swallowed, give lukewarm water (pint) if victim is conscious. Get medical attention immediately. Wash out mouth with water. Move exposed person to fresh air. Do not induce vomiting as risk of damage to lungs exceeds poisoning risk. Never give anything by mouth to an unconscious person.

**Advice to physicians:** Symptomatic and supportive therapy as needed. May aggravate skin conditions.

**SECTION 5 Fire Fighting Measures**

**Conditions of Flammability**

High temperature, inhibitor depletion, accidental impurities, or exposure to radiation or oxidizers may cause spontaneous polymerization reaction, generating heat/pressure. Closed containers may rupture or explode during runaway polymerization.

**Suitable Extinguishing Media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Hazardous Decomposition Products**

Hazardous decomposition products formed under fire conditions – Carbon Oxides

**Fire Fighting Instructions**

Do not enter fire area without proper protection. Wear self contained breathing apparatus (pressure-demand MSHA/NIOSH) approved or equivalent. See Section 10 - decomposition products possible. Fight fire from safe distance/protected location. Heat/impurities may increase temperature/build pressure/rupture closed containers, spreading fire, increasing risk of burns/injuries. Use water spray/fog for cooling.

**SECTION 6 Accidental Release Measures**

**Personal Precautions**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).

**Environmental Precautions**

Avoid dispersal of spill material and runoff and contact with soil, waterways, drains and sewers. Notify authorities of any releases to sewers, soils, waterways or air.

**Methods and Materials for Containment and Cleaning Up**

Stop the leak if it can be done without risk. Move containers from the spill area. Prevent entry into sewers, water ways or soils. Contain and collect spillage with non-combustible, absorbent material such as sand, earth, vermiculite or diatomaceous earth. Place in container for disposal according to local regulations via a licensed waste disposal contractor. Contaminated absorbent materials may pose the same hazards as the spilled product. See section 1 for emergency contact information and section 13 for waste disposal.

**SECTION 7 Handling and Storage**

**Precautions for Safe Handling** Can cause skin and eye irritation and allergic skin reaction.

Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear

appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Conditions for Safe Storage**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see section 10) and food and drink. Avoid exposure to sources of UV light. Store out of direct sunlight. Check inhibitor content often, adding to bulk liquid if needed. Do not blanket or mix with oxygen free gas as it renders inhibitor ineffective. Do not store below 32F – inhibitor can separate as a solid. If frozen, warm and remix material gently (<90F) . Prevent moisture contact. Keep container tightly closed and sealed until ready for use. Use only non sparking tools. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**SECTION 8 Exposure Controls / Personal Protection**

**EXPOSURE GUIDELINES**

Hazardous Component	PEL	STEL	TLV	Other
	NE	NE	NE	NE
	NE	NE	NE	NE
	NE	NE	NE	NE
	NE	NE	NE	NE
	NE	NE	NE	NE

**ENGINEERING CONTROLS** Use local exhaust ventilation to maintain airborne concentrations below exposure limits. Respiratory protection may be required in addition to general room ventilation.

**PERSONAL PROTECTIVE EQUIPMENT** A properly fitted, NIOSH/MSA approved respiratory protection equipment is recommended. Respirator selection must be based on known or anticipated exposure levels, the hazards or the product and the safe working limits of the selected respirator.

**EYE PROTECTION** Eye protection such as chemical splash goggles and/or face shield must be worn when possibility exists for eye contact due to splashing or spraying liquid, airborne particles or vapor. Contact lenses should not be worn.

**SKIN AND BODY PROTECTION** When skin contact is possible, protective clothing including gloves, apron, sleeves, boots, head and face protection should be worn. Gloves should be impervious neoprene or rubber. Use of barrier cream is recommended. Clean equipment thoroughly after each use. Discard contaminated leather shoes and canvas sneakers.

**OTHER HYGENIC PRACTICES** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

**OTHER WORK PRACTICES** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash thoroughly before reuse. Shower after work using plenty of soap and water.

**SECTION 9 Physical and Chemical Properties**

Appearance	
Form	Viscous Liquid
Color	Straw to light yellow
pH	Not available
Melting/Freezing Temperature	Na
Boiling Point	Na
Flash Point	> 95 C/ 200 F
Ignition Temperature	Not available
Autoignition Temperature	Not available
Lower explosive limit; na	Upper explosive limit: na
Vapor Pressure	Na

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Vapor Density (air=1)	Not available
Specific Gravity (water=1 @39.2F)	AP 1.20 @25C/77C
Evaporation Rate (Bac=1)	N/DA
Odor	Mild to sweet acrylic
Odor threshold	Not available

<b>SECTION 10 Stability and Reactivity</b>	
<b>Chemical Stability</b> Stable under recommended storage conditions	
<b>Possibility of Hazardous Reactions</b> No data available	
<b>Conditions to Avoid</b> High temperatures, localized heat sources (ie) drum or band heaters), oxidizing conditions, freezing conditions, direct sunlight, UV radiation, inert gas blanketing,	
<b>Materials to Avoid</b> Reactive or incompatible with: acids, strong oxidizers, strong reducers, free radical initiators, inert gas, oxygen scavengers	
<b>Hazardous Decomposition Products</b> Decomposition products formed under fire conditions may include: Carbon oxides, acrid smoke fumes, other toxic vapors.	

<b>SECTION 11 Toxicological Information</b>	
<b>Acute Toxicity</b> Oral LD50 . Dermal LD50 Inhalation LC50 No data available  <b>Skin Corrosion/Irritation</b> Skin Irritant  <b>Serious Eye Damage/Eye Irritation</b> Eye Irritant Eyes Rabbit  <b>Respiratory or Skin Sensitization</b> May cause skin or respiratory sensitization  <b>Mutagenicity</b>	<b>Carcinogenicity</b> IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC  ACGIH: No component of this product presents at levels greater than or equal to 0.1% is identified as carcinogen or potential carcinogen by ACGIH  NTP: No component of this product presents at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP

<b>SECTION 12 Ecological Information</b>	
<b>Aquatic Ecotoxicity</b> No data available	
<b>Biodegradability</b> Persistent Not readily biodegradable	
<b>Mobility in soil</b> No data available	

**SECTION 13 Disposal Considerations**

**Waste Disposal**

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residuals. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**SECTION 14 Transport Information**

**DOT (US)**

Not Regulated

**IMDG**

Not Regulated

**TDG**

Not Regulated

**SECTION 15 Regulatory Information**

**TSCA INVENTORY STATUS**

All components are listed or exempt

**OSHA HAZARDS**

Skin Sensitizer	Irritant
Corrosive Material	

**HMIS Classification**

Health Hazard;	2		
Flammability	1	0	
Physical Hazards	2	0	

**NFPA Rating**

**SARA TITLE III: Section 311/312 Hazard Class**

This product does not contain a chemical which is listed in Section 313 at or above the de minimus concentrations

**SARA TITLE III: Section 313 (40CFR370)**

This product does not contain a chemical which is listed in Section 313 at or above the de minimus concentrations

**CERCLA Information (40CFR302.4)**

This material contains no hazardous or extremely hazardous substances at or above the de minimus concentrations as defined by CERCLA or SARA Title III, and release is therefore not reportable.

**California Proposition 65 Information:**

This product contains, no listed substances known to the state of California to cause cancer and/or reproductive toxicity.

**SECTION 16 Other Information**

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources, which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable. This MSDS has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200).