




## SCI-300-95 A

### SECTION 1. IDENTIFICATION

<b>Product identifier</b>	SCI-300-95
<b>Other Means of Identification</b>	None
<b>Recommended Use</b>	Polyaspartic polyurea resin
<b>Restrictions on Use</b>	Unknown
<b>Supplier Identifier</b>	SEALCHEM INDUSTRIES INC. 2821 Boul. Le Corbusier Laval, Quebec Canada H7L 4J5 Web: <a href="http://www.sealchem.com">www.sealchem.com</a>
<b>Emergency Phone No.</b>	<b>24-Hour Emergency Telephone Number Canada (CANUTEC) : (613) 996-6666</b>

### SECTION 2. HAZARD IDENTIFICATION

<b>Classification</b>	Flammable liquid Category 3 Carcinogen Category 2 Aspiration Hazard Category 1 Serious eye damage/eye irritation Category 2A Skin Sensitization Category 1
<b>Label Elements</b>	
<b>Signal Word</b>	Danger
<b>Hazard Statements</b>	H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H319: Causes serious eye irritation. H317: May cause an allergic skin reaction. H351: Suspected of causing cancer.
<b>Precautionary statements</b>	<b>Prevention:</b> P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat/sparks/open flames/ hot surfaces. No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion proof electrical/ventilating/lighting equipment. P242 Use only non-sparking tools. P243 Take action to prevent static discharge. P280 Wear protective gloves/protective clothing/eye protection/face protection. P261 Avoid breathing dust/fume/gas/mist/vapors/spray. P264 Wash hands thoroughly after handling. P272



# Safety Data Sheet

Contaminated work clothing must not be allowed out of the workplace. P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P331 Do NOT induce vomiting. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/attention. P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P333 + P313 If skin irritation or rash occurs: Get medical advice/attention. P308 + P313 If exposed or concerned: Get medical advice/attention. P362 + P364 Take off contaminated clothing and wash before reuse. P370 + P378 In case of fire: Use foam, dry chemical, water spray or carbon dioxide (CO<sub>2</sub>) to extinguish. P403 + P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container into safe container in accordance with local, regional or national regulations.

**Other Hazards:** Unknown

## SECTION 3. COMPOSITION

Chemical Name	CAS No.	% concentration
Aspartic ester	136210-32-7	25-50%
Aspartic ester	136210-30-5	25-50%
4-methyl-1,3-dioxolane-2-one	108-32-7	1-10%
Light aromatic solvent naphtha, petroleum	64742-95-6	1 – 10 %
1,2,4-trimethylbenzene	95-63-6	1 – 5%
Cumene	98-82-8	0 – 1%
<b>xylene</b>	1330-20-7	0 – 1%

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### **Inhalation:**

IF INHALED: Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

#### **Skin Contact:**

Flush with soap and water for a minimum of 15 minutes. Consult a physician if irritation persists or you feel unwell.

#### **Eye Contact:**

Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.

#### **Ingestion:**

Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

### Most Important Symptoms and Effects, Acute and Delayed

#### **If inhaled:**

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

#### **If on skin:**

Harmful if in contact with the skin. Causes skin irritation. Exposure may produce an allergic reaction

#### **If in eyes:**

Causes serious eye damage.

#### **If Ingested:**



# Safety Data Sheet

Ingestion is likely to be harmful or have adverse effects

**Immediate Medical Attention and Special Treatment:**

**Special Instructions:**

If a physician or medical attention is required, have product container or label at hand.

## SECTION 5. FIRE-FIGHTING MEASURES

**Extinguishing Media**

**Suitable Extinguishing Media**

In case of fire: water fog, foam, dry chemical powder, carbon dioxide (CO<sub>2</sub>)

**Unsuitable Extinguishing Media**

Do not use water jet as it might spread flame.

**Specific Hazards Arising from the Product**

During fire, nitrous gases, fumes/smoke, isocyanates and vapour may be formed.

Combustion products may include: acidic hydrogen chloride & hydrogen fluoride, carbon oxide, hydrocarbons, nitrogen oxides and smoke.

**Special Protective Equipment and Precautions for Fire-fighters**

Flammable. Evacuate area. If a leak or spill has not ignited, use water spray to disperse the vapors and to protect personnel attempting to stop a leak. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Use water spray to cool fire exposed surfaces and to protect personnel. Self-contained breathing apparatus and turn-out gear must be worn in case of fire.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures**

As a general precaution, take personal precaution not to breath gas, vapors, or dusts.

Do not get in eyes, on skin or clothing.

Use appropriate personal protection equipment. In the event of an emergency, evacuate any unnecessary personnel.

As an environmental precaution, prevent spillage to sewers, public waters, and do not penetrate ground/soil.

**Methods and Materials for Containment and Clean up**

For containment, ensure adequate ventilation and absorb any spill with inert liquid binding material and dispose of waste safely.

## SECTION 7. HANDLING AND STORAGE

**Precautions for Safe Handling**

Handle in accordance to good industrial hygiene and safety procedures. Wear respiratory protection when handling. Avoid body contact of containers or contents unless wearing appropriate personal protective equipment. Wear respiratory protection when handling. Avoid release into the environment.

**Conditions for Safe Storage**

Store in cool dry and well-ventilated place. Keep stored in accordance with local, regional, national, and international regulations. Store away from incompatible materials.



## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control Parameters

All protective clothing should be appropriately clean and available to dress into before work. The engineering measures or controls and PPE recommendations are only guidelines and may not apply to every situation.

Data not available. For additional information, please consult the corresponding requirements under <http://www.ccohs.ca/topics/hazards/chemical/chemicals/>

Chemical Name	ACGIH® TLV®		OSHA PEL		AIHA® WEEL®	
	TWA	STEL [C]	TWA	Ceiling	8-hr TWA	Short-term

### Appropriate Engineering Controls

Local exhaust ventilation required. Make up air should be supplied to balance air that is removed by local or general exhaust ventilation. Provide sufficient ventilation to keep vapors below permissible exposure limit. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national / local regulations are observed.

### Individual Protection Measures



### General Measures

Do not eat, drink or smoke during work. Avoid all contact with skin or eye. If clothing comes into contact with material, do not allow out of the workplace. Clean hands and any exposed skin thoroughly after work and before breaks.

### Eye / Face Protection

Use tightly sealed goggles or safety glasses with side shields which are resistant to Chemicals.

### Skin Protection

Wear chemical resistant protection gloves. Wear impervious clothing as necessary to protect against coming in contact with product.

### Respiratory Protection

If insufficient ventilation, wear respiratory protection.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear Liquid
<b>Odor</b>	Not available
<b>Odor threshold</b>	Not available
<b>pH</b>	Not available
<b>Melting Point</b>	Not available
<b>Initial Boiling Point / Range</b>	Approximately 140°C
<b>Flash point</b>	>106



# Safety Data Sheet

<b>Evaporation rate</b>	Not available
<b>Flammability(solid; gas)</b>	Not available
<b>Lower flammable/explosive limit</b>	Not available
<b>Upper flammable/explosive limit</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Specific gravity</b>	Not available
<b>Solubility</b>	Insoluble
<b>Partition coefficient – n- Octanol/water</b>	Not available
<b>Auto-ignition temperature</b>	Not available
<b>Decomposition temperature</b>	Not available
<b>Viscosity</b>	Not available

## SECTION 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Non-reactive
<b>Chemical stability</b>	Stable under recommended handling and storage conditions
<b>Possibility of Hazardous reactions</b>	Risk of bursting. Reacts with alcohols. Reacts with acids. Reacts with alkalies. Reacts with amines. Risk of exothermic reaction.
<b>Conditions to avoid</b>	Keep away from heat, sparks and open flame. Avoid high temperatures. Avoid contact with incompatible materials.
<b>Incompatible materials</b>	Water, amines, substances that react to polyureas
<b>Hazardous decomposition products</b>	unknown

## SECTION 11. TOXICOLOGY INFORMATION

### Likely Routes of Administration

Inhalation, skin contact, eye contact, ingestion.

### Acute Toxicity

Oral: Harmful if swallowed.

Dermal: Harmful in contact with skin.

### LD50 and LC50 Data

Not available

### Skin Corrosion/Irritation

Causes skin irritation.

### Serious Eye Damage/ Irritation

Causes serious eye damage

### STOT (Specific Target Organ Toxicity) – Single Exposure Inhalation

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

### Aspiration Hazard

Not classified based on available data.

### STOT(Specific Target Organ Toxicity) – Repeated Exposure

Skin, eyes, central nervous system, respiratory system



# Safety Data Sheet

**Respiratory and/or Skin Sensitization**

May irritate mucous membranes, eyes, nose, and respiratory passages. May cause asthma attack to persons with pre-existing bronchial hyper reactivity. Exposure to high concentrations may lead to bronchitis, bronchial spasm and pulmonary oedema. Effects are usually reversible. May cause C.N.S. depression with symptoms of nausea, light-headedness, drowsiness, dizziness, loss of coordination

**Carcinogenicity**

Unknown

Chemical Name	IARC	ACGIH®	NTP	OSHA

**Reproductive Toxicity**

Not available

**Germ Cell Mutagenicity**

Not available

**Interactive Effects**

Not available

**SECTION 12. ECOLOGICAL INFORMATION**

Non-hazardous to aquatic environment.

This is not required by WHMIS

This is not required by OSHA HCS 2012

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal Methods**

Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

**SECTION 14. TRANSPORT INFORMATION**

UN Number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations:  
UN1263; PAINT RELATED MATERIAL; CLASS 3; PG III

UN Number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime):  
UN1263; PAINT RELATED MATERIAL; CLASS 3; PG III

UN Number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air):  
UN1263; PAINT RELATED MATERIAL; CLASS 3; PG III

**SECTION 15. REGULATORY INFORMATION**

Not required under Canadian Regulations.



# Safety Data Sheet

## SECTION 16. OTHER INFORMATION

<b>Date of Preparation</b>	August 2020
<b>Date of Last Revision</b>	June 1, 2014
<b>Revision Indicators</b>	The entire MSDS was change in August 2020 to be in accordance with the WHMIS 2015 which incorporates the Globally Harmonized System of Classification and Labeling of Chemicals for Canadian Workplaces.
<b>References</b>	<ol style="list-style-type: none"><li>1. CHOHS Fact Sheets September 2016 ©CCOHS 2016</li><li>2. Supplier's Material Safety Data Sheet(s)</li></ol>

Notice: The facts stated and the recommendations made with respect to the use of this product are based on liable information. No guarantee of accuracy is made. Before using, determine the suitability of the product's intended use. The purchaser assumes all risks and liability for losses, damage, or expenses, directly or indirectly, arising from the handling or use of the product or from any other cause. All recommendations are made on condition that Sealchem will not be liable for any damages resulting from its use since Sealchem cannot control the conditions under which the product will be transported, stored, handled or used by the purchaser.