



Safety data sheet

July 02, 2024
Revision #1



SCI-300-8084-SC-A

SECTION 1. IDENTIFICATION	
	Product identifier SCI-300-8084-SC-A
	Other Means of Identification N. A
	Recommended Use Aliphatic Polyaspartic Coating Slow-Cure
	Restrictions on Use Unknown
	Supplier Identifier SCI COATINGS INC. 2821 Boulevard Le Corbusier Laval, Québec Canada H7L 4J5 www.scicoatings.com
	Emergency Phone No. 24-Hour Emergency Telephone Number Canada (CANUTEC): (613) 996-6666
SECTION 2. HAZARD IDENTIFICATION	
	Classification Aspiration Hazard Category 1 Serious eye damage/eye irritation Category 2A Skin Sensitization Category 1
	Label Elements
	Signal Word Y > 3* Hazard Statements 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.
	Precautionary statements
	Prevention: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P233 Keep container tightly closed. 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 Contaminated work clothing must not be allowed out of the workplace. P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P311 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 (CO2) 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

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SECTION 3.

COMPOSITION

	Chemical Name	CAS No.	% concentration
Aspartic ester	136210-32-7	40-60%	
Aspartic ester	136210-30-5	35-50%	
4-methyl-1,3-dioxolane-2-one	108-32-7	1-10%	

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:

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 (CO₂)

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.



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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 incapable 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/chemicals/chemicals/>

Chemical Name	ACGIH® TLV® TWA	OSHA PEL STEL®	AIHA® WEEL® TWA	AIHA® WEEL® Ceiling	AIHA® WEEL® 8-hr TWA	AIHA® WEEL® 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.





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SECTION 9.

PHYSICAL AND CHEMICAL PROPERTIES

<u>Appearance</u>	Clear Liquid
<u>Odor</u>	Not available
<u>Odor threshold</u>	Not available
<u>pH</u>	Not available
<u>Melting Point</u>	Not available
<u>Initial Boiling Point / Range</u>	Approximately 140°C
<u>Flash point</u>	>106°C
<u>Evaporation rate</u>	Not available
<u>Flammability (solid; gas)</u>	Not available
<u>Lower flammable/explosive limit</u>	Not available
<u>Upper flammable/explosive limit</u>	Not available
<u>Vapor pressure</u>	Not available
<u>Vapor density</u>	Not available
<u>Specific gravity</u>	1.12 - 1.13
<u>Solubility</u>	Insoluble
<u>Partition coefficient-n-Octanol/water</u>	Not available
<u>Auto-ignition temperature</u>	Not available
<u>Decomposition temperature</u>	Not available

SECTION 10.

STABILITY AND REACTIVITY

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

SECTION 11.

TOXICOLOGY INFORMATION

<u>Likely Routes of Administration</u>	Inhalation, skin contact, eye contact, ingestion.
<u>Acute Toxicity</u>	Oral: Harmful if swallowed. Dermal: Harmful in contact with skin.
<u>LD50 and LC50 Data</u>	Not available
<u>Skin Corrosion/Irritation</u>	Causes skin irritation.
<u>Serious Eye Damage/ Irritation</u>	Causes serious eye damage
<u>STOT (Specific Target Organ Toxicity)</u>	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
<u>Single Exposure Inhalation</u>	
<u>Aspiration Hazard</u>	Not classified based on available data.
<u>STOT(Specific Target Organ Toxicity)</u>	Skin, eyes, central nervous system, respiratory system
<u>Repeated Exposure</u>	
<u>Respiratory and/or Skin Sensitization</u>	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
<u>Carcinogenicity</u>	Unknown
<u>Chemical Name</u>	IARC ACGIH® NTP OSHA
<u>Reproductive Toxicity</u>	Not available
<u>Germ Cell Mutagenicity</u>	Not available
<u>Interactive Effects</u>	Not available

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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									
	<u>UN Number</u> ; <u>Proper shipping name</u> ; <u>Class(es)</u> ; <u>Packing group (PG)</u> of the TDG Regulations: NOT REGULATED MATERIAL								
SECTION 15. REGULATORY INFORMATION									
	United States (USA): All components of this product are designated as "Active" on the TSCA Inventory or are not required to be listed. Canada: All components of this product are included on the Domestic Substances List (DSL) or are not required to be listed on the DSL. European Economic Area (including EU): This product is compliant with the registration of the REACH Regulation (EC) No. 1907/2006 as all its components are either excluded, exempt and/or registered. Australia: All components of this product are included in the Australian Inventory of Chemical Substances (AICS) or are not required to be listed on AICS. New Zealand: This product is approved or exempt under the Hazardous Substances and New Organisms (HSNO) Act. China: All components of this product are included on the Chinese inventory or are not required to be listed on the Chinese inventory.								
SECTION 16. OTHER INFORMATION									
	<table><tr><td><u>Date of Preparation</u></td><td>August 2020</td></tr><tr><td><u>Date of Last Revision</u></td><td>September 11, 2023</td></tr><tr><td><u>Revision Indicators</u></td><td>The entire MDSD was changed 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.</td></tr><tr><td><u>References</u></td><td>1. CHOHS Fact Sheets September 2016 ©CCOHS 2016 2. Supplier's Material Safety Data Sheet(s)</td></tr></table>	<u>Date of Preparation</u>	August 2020	<u>Date of Last Revision</u>	September 11, 2023	<u>Revision Indicators</u>	The entire MDSD was changed 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.	<u>References</u>	1. CHOHS Fact Sheets September 2016 ©CCOHS 2016 2. Supplier's Material Safety Data Sheet(s)
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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 SCI Coatings Inc will not be liable for any damages resulting from its use since SCI Coatings Inc cannot control the conditions under which the product will be transported, stored, handled or used by the purchaser.

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