Effective Date: Nov 2019

1 IDENTIFICATION

Trade Name: ArtResin®

Contact Information: 2342 Heslop St.
Burlington ON, Canada
L7L 6N6

Importer -
S&S Wholesale Pty. Limited
18/10 Pioneer Avenue,
Thornleigh NSW 2120
Tel: 1300 731 529 Fax: 1300 739 715

Emergency Contact: 905-999-9941

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Recommended Use: Chemical resistant, corrosion preventing epoxy coating and other protective coating applications

Chemical Family: Novolac Epoxies

2 HAZARD(S) IDENTIFICATION

Hazard Classification: Skin Irritant-Category 2

Signal Word: Warning

Hazard Statement(s): H317 Prolonged exposure may cause an allergic skin reaction

Pictogram:

Precautionary Statements:
P101: If medical advice is needed, have product container or label at hand
P102: Keep out of reach of children
P103: Read label before use
P261: Avoid breathing dust/fume/gas/mist/vapors/spray
P280: Wear Protective gloves/protective clothing/eye and face protection
P333+P313: If skin irritation/rash occurs, get medical attention
P501: Dispose of contents/container in accordance with local/regional/national and international regulations

NFPA Rating: Health: **1**
Flammability: **1**
Instability: **0**
Specific Hazard: **N/A**

HMIS® Rating: Health: **1**
Flammability: **1**
Physical Hazard: **0**
Personal Protection Index: **C**

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name/Family: Epoxy

Common Names/Synonyms: Epoxy Resin, Epoxy Coating, Novolac Epoxy, Two-part Epoxy

CAS Numbers and other Identifiers:

A Resin: DGEBA-Epoxy Resin: CAS# 25068-38-6 80%-90%
Trade Secret: 10%-20%

OSHA (PEL/STEL) NE ACGIH (TWA/STEL) NE

B Hardener: Modified Amine Adduct: CAS# Mixture >90%
Trade Secret <10%

OSHA (PEL/STEL) NE ACGIH (TWA/STEL) NE

Trade Secret Claim: Please note that the exact concentration of each chemical contained in the product has been withheld as the exact formula needs to remain a trade secret.

4 FIRST AID MEASURES

Ingestion:	**A** Resin:	If large amounts are ingested, induce vomiting if conscious.
	B Hardener:	Call physician immediately. Give generous amounts of water if conscious. **Do not** induce vomiting.
Skin:	**A** Resin:	Promptly wash with mild soap and water.
	B Hardener:	Promptly wash with mild soap and water.
Inhalation:	**A** Resin:	Remove to fresh air. Give oxygen if breathing is difficult.
	B Hardener:	Remove to fresh air. Give oxygen if breathing is difficult.
Eyes:	**A** Resin:	Immediately flush eyes with water for 15 minutes. Call physician.
	B Hardener:	Immediately flush eyes with water for 15 minutes. Call physician.

Overexposure Effects: Overexposure to this material can cause chemical burns to the skin and eyes and inhalation of vapors can cause severe respiratory irritation. Can cause allergic skin and respiratory reactions. Can have effects on the nervous system evidenced by central nervous system depression, tremors, paralysis, diarrhea and vasodilation. May also cause headache, nausea and dizziness.

Medical Conditions Aggravated by Exposure: Allergy, eczema or skin conditions.

Additional Information: Promptly remove wet contaminated non-impervious clothing, wash before reuse. Destroy contaminated leather and absorbent shoes.

5 FIRE FIGHTING MEASURES

	A Resin:	**B Hardener**:
Flash Point:	>300°F (149°C)	>200°F (93°C)
Flash Point Method Used:	Closed cup	
Fire Fighting Extinguishing Media:	Carbon Dioxide, foam, dry chemical	
Fire Fighting Equipment:	Use a self-contained breathing apparatus	
Fire and Explosion Hazards:	Decomposition and combustion products may be toxic.	

6 ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Steps to be taken if material is spilled:

A Resin: Shovel into closeable container for disposal.

B Hardener: Absorb into sand or other absorbent material.
Shovel into closeable container and dispose of in professional manner.

7 HANDLING AND STORAGE

Precautions: Do not get in eyes, on skin, on clothing. Do not breathe vapor, mist or spray. Use only with adequate ventilation. Individuals should wash thoroughly after handling. For industrial use only.

Storage Information: Keep away from heat, sparks and open flame. Ground and bond metal containers for liquid transfer to avoid static sparks. Store at temperatures between 2°C and 40°C in tightly closed containers in dry area to prevent moisture and carbon dioxide contamination.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA PELs: N/A

ACGIH TLVs: N/A

Personal Protective Equipment: Wear protective equipment to prevent exposure and personal contact

Skin Protection: Impervious gloves

Respiratory Protection: Organic chemical cartridge respirator if needed in non-vented area

Eye Protection: Splash-proof chemical goggles

Engineering Controls: Good general mechanical ventilation and local exhaust

9 PHYSICAL AND CHEMICAL PROPERTIES

	A Resin:	**B Hardener:**
Appearance:	Clear	Clear
Odor:	None	Slight ammonia odor
Physical State:	Liquid	Liquid
Solubility in Water (% by weight):	Negligible	Negligible
Melting Point:	<0° F (-18° C)	<0° F (-18° C)
Density:	1.14	0.96
PH:	ca 5	ca 8

10 STABILITY AND REACTIVITY

Reactivity: Non Reactive
Stability: Stable
Incompatible Materials: Strong acids, oxidizers and bases

Hazardous Decomposition Products:
A Resin: Carbon Monoxide, Carbon Dioxide and Phenolics.
B Hardener: Carbon Monoxide, Carbon Dioxide, Phenolic Nitrogen Oxides and Compounds.

Hazardous Polymerization:
A Resin: Will not occur.
B Hardener: Do not heat in bulk as dangerous decomposition may occur, liberating toxic fumes.

11 TOXICOLOGICAL INFORMATION

Acute Oral Effects (Ingestion): **A Resin:** LD_{50} (rabbits): 4000 mg/kg
B Hardener: - LD_{50} (rabbits): 3000 mg/kg
Sensitization: Can cause skin and respiratory sensitization
Skin Irritation: Irritant
Eye Irritation: Irritant

12 ECOLOGICAL INFORMATION

Additional Information: Amines, in general, may be toxic to aquatic organisms.
Epoxies are only slightly soluble in water.
Aquatic Toxicity: No further relevant information available
Persistence and Degradability: No further relevant information available
Biocumulative Potential: No further relevant information available
Mobility in Soil: No further relevant information available

13 DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose in accordance with federal, state and local regulations.
Recommendations: Must not be disposed of together with household garbage.
Do not allow product to reach sewage system.

14 TRANSPORT INFORMATION

DOT, ADR, AND IMDG, IATA: Non-hazardous for transport
Hazard Class under:
DOT, ADR, AND IMDG, IATA: Non-hazardous for transport
Marine Pollutant: No
notes: Not Regulated under DOT, ADR, AND, IMDG, IATA

15 REGULATORY INFORMATION

Occupational Safety and Health Act (OSHA): This Safety Data Sheet (SDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200(g). This product is considered to be a hazardous chemical under that standard.

Resource Conservation and Recovery Act (RCRA): Not a hazardous waste under RCRA (40 CFR 261).

Toxic Substances Control Act (TSCA): All ingredients are on the TSCA inventory and are exempt as per 40CFR723.50 Low Volume Exemption(LVE) and Low Environmental Release and Low Human Exposure Exemption (LoREX)

SARA Title III: Section 304 - CERCLA: Not listed.

SARA Title III: Section 313 Toxic Chemical List (TCL): This product does not contain a toxic chemical for routine annual “Toxic Chemical Release Reporting” under Sec. 313 (40 CFR 372). This information must be included in all SDS’s that are copied and distributed for this material.

Proposition 65 not applicable

16 OTHER INFORMATION

This SDS was prepared in accordance with the new OSHA HCS requirements that will go into effect for manufacturers of chemicals on June 2015. This SDS replaces all preceding versions of MSDS and complies with all current regulations.
Revision: April 2018 d