

01044-XXXX

## SAFETY DATA SHEET

ENGLISH  
EFFECTIVE DATE: 01/2020

## 1. IDENTIFICATION

Trade Name: ArtResin™

Contact Information: 2300 Apollo Circle  
Carrollton, Texas 75006 USA

Emergency Contact: 1-877-401-4001

Recommended Use: Decorative and protective epoxy coating for artwork/creative applications

Chemical family: Two part epoxy resin

## 2. HAZARD(S) IDENTIFICATION

Hazard Classification: Skin Irritant - Category 2  
Eye Irritant - Category 2

Signal Word: CAUTION

Hazard Statement(s): H317 Repeated and prolonged exposure may cause skin sensitization

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

P262: Do not get in eyes, on skin, or on clothing

P271: Use only in a well-ventilated area

P280: Wear protective gloves/protective clothing/eye and face protection

P285: In case of inadequate ventilation, wear respiratory protection

P333+P313: If skin irritation/rash occurs: Get medical attention

P337+P313: If eye irritation persists: Get medical advice/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

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## 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:	Resin: DGEBA-Epoxy Resin: CAS# 25068-38-6 80%-90% Trade Secret: 10%-20%  Hardener: Modified Amine Adduct: CAS# Mixture >90% Trade Secret <10%



Trade Secret Claim: Please note: The exact concentration of each chemical contained in the product has been withheld to ensure the formula remains a trade secret.

## 4. FIRST AID MEASURES

First Aid measures are listed in the event the product is not used as intended. Following the usage instructions provided will ensure first aid measures are not likely needed.	
Ingestion	If swallowed, call a Poison Control Centre or doctor immediately
Skin	If on skin rinse well with water
Inhalation	If irritating, remove to fresh air
Eyes	If in eyes, rinse with water
Overexposure Effects	Prolonged overexposure to this material can cause irritation to the skin and eyes, and respiratory irritation. Though unlikely, can cause allergic skin and/or respiratory reactions and/or headache.
Medical conditions aggravated by exposure:	Allergy or skin conditions including eczema
Additional Information	Promptly remove wet clothing

## 5. FIRE FIGHTING MEASURES

Flash Point	Resin	>300° F (149° C)
	Hardener	>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 products may include the following materials: carbon dioxide, carbon monoxide, nitrogen oxide, and/or carbon oxide	

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**6. ACCIDENTAL RELEASE MEASURES**

Accidental Release Measures:

Steps to be taken if material is spilled:

**Resin:** Shovel into closeable container for disposal.**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, or on clothing. Wear gloves. Do not ingest.  
Work in a well ventilated area.

Storage Information:

Store at temperatures between 2° C and 40° C in tightly closed containers in dry area to prevent moisture and carbon dioxide contamination. If product becomes frozen, warm to room temperature before use.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

OSHA PELs	N/A
ACGIH TLVs	N/A
Personal Protective Equipment	Wear protective equipment
Skin Protection	Impervious gloves
Respiratory Protection	Organic chemical cartridge respirator in non-ventilated area
Eye Protection	Splash-proof chemical goggles
Engineering Controls	Good general ventilation

**9. PHYSICAL AND CHEMICAL PROPERTIES**

	Resin	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

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**10. STABILITY AND REACTIVITY**

Reactivity	Non-reactive	
Stability	Stable	
Incompatible Materials	Strong acids, oxidizers and bases	
Hazardous Decomposition Products	<b>Resin</b>	Carbon Monoxide, Carbon Dioxide and Phenolics.
	<b>Hardener</b>	Carbon Monoxide, Carbon Dioxide, Phenolic Nitrogen Oxides and Compounds.
Hazardous Polymerization	Will not occur	

**11. TOXICOLOGICAL INFORMATION**

Acute Oral Effects (Ingestion)	<b>Resin</b>	LD <sub>50</sub> (rabbits simulation): 4000 mg/kg
	<b>Hardener</b>	- LD <sub>50</sub> (rabbits simulation): 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 harmful to aquatic organisms
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 of in accordance with federal, state and/or local regulations
Recommendations:	Cured product may be disposed of together with household garbage

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## 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:	Non-hazardous for transport
Class:	55
UN:	3907.30.0000
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 not considered to be a hazardous chemical under that standard.

**TRAHAMA:**

This Safety Data Sheet (SDS) has been prepared in compliance with Toxicological Risk Assessment report # 5118-334-0103A/B which determined that: "the product is not considered to be toxic (acute/chronic), corrosive, and/or a strong sensitizer when used as intended or under circumstances involving reasonably foreseeable misuse. The classification of hazards are as defined in the 16 CFR 1500.3 (b) (5) , (7)-(9) (FHSA regulations)."

**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 SDSs that are copied and distributed for this material.

**Proposition 65 (Safe Drinking Water and Toxic Chemicals Act):** None of the components of this formula are known to the state of California to cause cancer, birth defects or other reproductive harm.

## 16. OTHER INFORMATION

This SDS was prepared in accordance with the new OSHA HCS requirements for manufacturers of chemicals that went into effect in June 2015. This SDS replaces all preceding versions of MSDS and complies with all current regulations.

This product passed Food Simulating Solvents Extractions (FSSE) testing.

This product conforms to ASTM D4236.

**Revision:** January 2020 - All rights reserved