1. IDENTIFICATION
   Trade Name: ArtResin™
   Contact Information:
   Carrolton, Texas 75006 USA
   1-877-401-4001
   Emergency Contact:
   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

HMR® 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:
- Resin: DGEBA-Epoxy Resin: CAS# 25068-38-6 60%-90%
  Trade Secret: 10%-20%
- Hardener: Modified Amine Adduct: CAS# Mixture >90%
  Trade Secret <10%

OSHA (PEL/STEL) TWA/STEL) NE

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.

Eye: If in eyes, rinse with water.

Overexposure Effects: Prolonged or excessive exposure to this material can cause irritation to the skin and eyes, and respiratory irritation. Though unlikely, can cause allergic and/or respiratory reactions and/or headaches.

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 (140°C)

Hardener >200°F (90°C)

Flash Point Method Used: Closed cap

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 carbon dioxide, carbon monoxide, hydrogen chloride, and/or carbon dioxide.
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

Procedures:
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 23°C and 40°C in tightly closed containers in dry area to prevent moisture and carbon dioxide contamination. If product becomes frozen, warm in 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

<table>
<thead>
<tr>
<th>Resin</th>
<th>Hardener</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear</td>
</tr>
<tr>
<td>Odor</td>
<td>None</td>
</tr>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Solubility in Water (% by weight)</td>
<td>Negligible</td>
</tr>
<tr>
<td>Melting Point</td>
<td>&lt;0°F (-18°C)</td>
</tr>
<tr>
<td>Density</td>
<td>1.14</td>
</tr>
<tr>
<td>pH</td>
<td>ca 6</td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

| Acute Oral Effects (Ingestion) | Resin, LD₅₀ (Rabbits, oral): 4000 mg/kg |
|                               | Hardener, LD₅₀ (Rabbits, oral): 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 in accordance with federal, state and/or local regulations |
| Recommendations       | Cured product may be disposed of together with household garbage |
14. TRANSPORT INFORMATION

***DOT ADR AND IMDG ATA***: Non-hazardous for transport

**Hazard Class under: DOT ADR AND IMDG ATA:** Non-hazardous for transport

**Marine Pollutant:** Non-hazardous for transport

**Class:** 55

**UN:** 3007.30.000

**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.

**TIR Rcarrier:**
This Safety Data Sheet (SDS) has been prepared in compliance with Toxicological Risk Assessment report # 5118-334-0103/02 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).”

**EPA United States Environmental Protection Agency: 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 (LiuREX).

**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 now 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 Extraction (FSSE) testing,

This product conforms to ASTM D4236.

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