Safety Data Sheet (SDS) for Art 'N Glow - Clear Casting and Coating Epoxy – Resin Side

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product identifier:

Identification as on the label/Trade name: Art 'N Glow - Clear Casting and Coating Epoxy – Resin Side
Additional information: Product code/s: ANG-CC-ER

Relevant identification uses of the substance and uses advised against:

Identified uses: Clear casting and coating epoxy resin for use in arts and crafts.
Uses advised against: Not known.

Details of the supplier of the Safety Data Sheet:

Art 'N Glow
1121 E Spring Creek Pkwy Ste 110-208
Plano, Texas
75074

Emergency telephone numbers:

+1-972-898-1250

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substances or mixture:

The mixture is classified according to: Regulation EC 1272/2008 [EU-GHS/CLP]

Hazard classes/Hazard categories:	Hazard statement:
Skin irritant (Category 2)	H315
Skin sensitization (Category 1)	H317
Eye irritant (Category 2)	H319
Aquatic chronic (Category 2)	H411

For full text of H-Statements see Section 16.

The most important adverse effects:

The most important adverse physiochemical effects: Toxic to aquatic life with long lasting effects.
The most important adverse human health effects: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

Label elements:

Hazard pictograms:

Signal Words: Warning.

Hazard Statements:
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.
Precautionary Statements: P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product.
Special labelling of certain mixtures: None known.
Other hazards: None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Substance
Ingredients:

Substance name (IUPAC/EC)	**CAS-No.** / **EC-No.**	**Concentration % by weight**	**Classification** EC1272/2008
1-Chloro-4 Trifluromethyl Bisphenol A Epoxy Resin	25085-99-8 / 607-537-5	90-100%	Skin irritant (Category 2) H315 Skin sensitization (Category 1) H317 Eye irritant (Category 2) H319 Aquatic chronic (Category 2) H411

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available listed in Section 8.
For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: FIRST-AID MEASURES

Description of first aid measures:

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of discomfort seek medical attention.
Ingestion: Not known.
Skin Contact: Not known.
Eye Contact: Not known.

Most important symptoms and effects, both acute and delayed:
In case of inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of discomfort seek medical attention.
In case of skin contact: Wash off with soap and plenty of water for at least 15 minutes. In case of discomfort seek medical attention.
In case of eye contact: Flush eyes thoroughly with water for 15 minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing. In case of discomfort seek medical attention.
In case of ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. In case of discomfort seek medical attention.

Indication of any immediate medical attention and special treatment needed: None known.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguisher media:

Suitable extinguisher media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Prevent contamination of drains or waterways.
Unsuitable extinguishing media: None known.
Special hazards arising from the mixture: Sealed containers may rupture when heated.
Advice for fire-fighters: Evacuate area and contact emergency services. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Treat as a Class B Fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel: Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to Section 7, Handling, for additional precautionary measures. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.
For emergency responders: Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to Section 7, Handling, for additional precautionary measures. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.
Environmental precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

Methods for containment and cleaning up:
For small and large spills: Spills should be absorbed with inert material (sand, vermiculite, etc.), sweep or scoop up and put in disposal container. Flush area immediately with plenty of water; prevent washings from entering waterways.

Reference to other sections:
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.
Additional information: None known.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

Protective measures: Observe directions on label and instructions for use. Avoid contact with skin and eyes.
Advice on general occupational hygiene: Do not eat, drink or smoke when handling this product.

Conditions for safe storage, including incompatibilities:
Store and use in well ventilated area between 70-80° F. Containers should be sealed tightly to prevent contamination from foreign materials.
Specific end uses: Use only as directed.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters:

Occupational exposure limits: No data available.
Biological exposure indices (BEI): No data available.
Additional exposure limits under the conditions of use: No data available.

Exposure control:

Appropriate engineering controls: Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Use safety glasses. If there is a potential for exposure to particles which could cause eye discomfort, wear chemical goggles.
Hand protection: Use chemical resistant gloves. Examples of preferred glove barrier materials include: Butyl rubber, Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, polyvinyl alcohol, Polyvinyl chloride.
Body protection: Not necessary under normal use.
Respiratory protection: If discomfort is experienced, use an approved air-purifying respirator. Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines.
Environmental exposure controls: None required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance (form): Liquid.
Color: Blue tinted.
Odor: Sweet characteristic odor.
Odor threshold: Not known.
pH (concentration): Not known.
Melting point/range (°C): Not known.
Boiling point/range (°C): Not known.
Flash point (°C): 485° F (PMCC method).
Evaporation rate: Not known.
Flammability (solid, gas): Not known.
Ignition temperature (°C): Not known.
Upper/lower flammability/explosive limits: Not known.
Vapor pressure (20 °C): Not known.
Vapor density: Not known.
Relative density (25 °C): Not known.
Water solubility (g/L) at 20 °C: Not known.
n-Octanol/Water partition coefficient: Not known.
Auto-ignition temperature: Not known.
Decomposition temperature: Not known.
Viscosity, dynamic (mPa s): Not known.

Physical hazards:

None.

Other information:

Fat solubility (solvent-oil to be specified): Not known.
Bulk density: Not known.
Dissociation constant in water (pKa): Not known.
Oxidation-reduction potential: Not known.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability: Stable under recommended conditions of storage. Product will not undergo hazardous polymerization.
Possibility of hazardous reactions: Hazardous polymerization is not expected to occur.
Conditions to avoid: Do not store next to heat source, in direct sunlight, or elevated storage temperature. Avoid moisture.
Incompatible materials: Strong acids, Amines, Mercaptons, and Bases.
Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition may produce Carbon Monoxide and/or Carbon Dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicokinetics, metabolism and distribution:

Non-human toxicological data: No data available.
Method: No data available.
Dosage: No data available.
Routes of administration: No data available.
Results: No data available.
Absorption: No data available.
Distribution: No data available.
Metabolism: No data available.
Excretion: No data available.

Information on toxicological effects:

Acute toxicity: No data available.
Skin corrosion/irritation: No data available.
Serious eye damage/irritation: No data available.
Respiratory or skin sensitization: No data available.
Germ cell mutagenicity: No data available.
Carcinogenicity: Not data available.
Reproductive toxicity: No data available.
STOT-single exposure: No data available.
STOT-repeated exposure: No data available.
Aspiration hazard: No data available.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.

Mobility in soil: No data available.
Results of PBT& vPvB assessment: No data available.
Other adverse effects: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods: Dispose of in accordance with municipal, provincial and national regulations. Incinerate or bury in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.
Product/packaging disposal: Recycle where possible.

SECTION 14: TRANSPORT INFORMATION

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN-Number:	Not required	Not required	Not required
UN Proper shipping name:	Not required	Not required	Not required
Transport hazard class:	Not required	Not required	Not required
Packaging group:	Not required	Not required	Not required
Marine pollutant:	Not required	Not required	Not required
Special precautions for user:	Not required	Not required	Not required
Transport in bulk according to MARPOL 73/78 Annex II and the IBC code:	Not required	Not required	Not required

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation for the mixture:

Relevant information regarding authorization: Occupational Health and Safety Act 1993 Regulation for Hazardous Chemical Substances.
Relevant information regarding restrictions: None known.
EU regulations: Regulation EC 1272/2008 [EU-GHS/CLP]
Other National regulations: None.
Chemical Safety Assessment carried out? No.

SECTION 16: OTHER INFORMATION

Indication of changes: GHS aligned.
Relevant classification and H statements (number and full text):
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.
Training instructions: Use as instructed.
Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.
Notice to readers: Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees.

Safety Data Sheet (SDS) for Art 'N Glow - Clear Casting and Coating Epoxy – Resin Side

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

Safety Data Sheet (SDS) for Art 'N Glow - Clear Casting and Coating Epoxy - Hardener

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product identifier:

Identification as on the label/Trade name: Art 'N Glow - Clear Casting and Coating Epoxy - Hardener
Additional information: Product code/s: ANG-CC-ER

Relevant identification uses of the substance and uses advised against:

Identified uses: Clear casting and coating epoxy resin for use in arts and crafts.
Uses advised against: Not known.

Details of the supplier of the Safety Data Sheet:

Art 'N Glow
1121 E Spring Creek Pkwy Ste 110-208
Plano, Texas
75074

Emergency telephone numbers:

+1-972-898-1250

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substances or mixture:

The mixture is classified according to: Regulation EC 1272/2008 [EU-GHS/CLP]

Hazard classes/Hazard categories:	Hazard statement:
Skin corrosive (Category 1B)	H314
Reproductive toxicity (Category 2)	H361
Aquatic acute (Category 1)	H400
Aquatic chronic (Category 1)	H410

For full text of H-Statements see Section 16.

The most important adverse effects:

The most important adverse physiochemical effects: Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.
The most important adverse human health effects: Causes severe skin burns and eye damage. Harmful if swallowed. Suspected of damaging fertility or the unborn child.

Label elements:

Hazard pictograms:

Signal Words: Danger.
Hazard Statements:
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H314 Causes severe skin burns and eye damage.
H302 Harmful if swallowed.
H361 Suspected of damaging fertility or the unborn child.
Precautionary Statements: P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product.
Special labelling of certain mixtures: None known.
Other hazards: None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture
Ingredients:

Substance name (IUPAC/EC)	**CAS-No.** **EC-No.**	**Concentration** **% by weight**	**Classification** EC1272/2008
Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2aminomethylethoxy)	9046-10-0 695-873-3	30-50%	Skin corrosive (Category 1B) H314
Nonylphenol	25154-52-3 246-672-0	50-65%	Acute toxicity (Category 4) H302 Skin corrosive (Category 1B) H314 Reproductive toxicity (Category 2) H361 Aquatic acute (Category 1) H400 Aquatic chronic (Category 1) H410

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available listed in Section 8.
For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: FIRST-AID MEASURES

Description of first aid measures:

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of discomfort seek medical attention.
Ingestion: Not known.
Skin Contact: Not known.
Eye Contact: Not known.

Most important symptoms and effects, both acute and delayed:

In case of inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of discomfort seek medical attention.
In case of skin contact: Wash off with soap and plenty of water for at least 15 minutes. In case of discomfort seek medical attention.
In case of eye contact: Flush eyes thoroughly with water for 15 minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing. In case of discomfort seek medical attention.
In case of ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. In case of discomfort seek medical attention.

Indication of any immediate medical attention and special treatment needed: None known.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguisher media:

Suitable extinguisher media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Prevent contamination of drains or waterways.
Unsuitable extinguishing media: None known.
Special hazards arising from the mixture: Sealed containers may rupture when heated.
Advice for fire-fighters: Evacuate area and contact emergency services. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Treat as a Class B Fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel: Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to Section 7, Handling, for additional precautionary measures. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.
For emergency responders: Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to Section 7, Handling, for additional precautionary measures. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.
Environmental precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

Methods for containment and cleaning up:
For small and large spills: Spills should be absorbed with inert material (sand, vermiculite, etc.), sweep or scoop up and put in disposal container. Flush area immediately with plenty of water; prevent washings from entering waterways.

Reference to other sections:
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.
Additional information: None known.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

Protective measures: Observe directions on label and instructions for use. Avoid contact with skin and eyes.

Advice on general occupational hygiene: Do not eat, drink or smoke when handling this product.

Conditions for safe storage, including incompatibilities:

Store and use in well ventilated area between 70-80° F. Containers should be sealed tightly to prevent contamination from foreign materials.

Specific end uses: Use only as directed.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters:

Occupational exposure limits: No data available.

Biological exposure indices (BEI): No data available.

Additional exposure limits under the conditions of use: No data available.

Exposure control:

Appropriate engineering controls: Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Use safety glasses. If there is a potential for exposure to particles which could cause eye discomfort, wear chemical goggles.

Hand protection: Use chemical resistant gloves. Examples of preferred glove barrier materials include: Butyl rubber, Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, polyvinyl alcohol, Polyvinyl chloride.

Body protection: Not necessary under normal use.

Respiratory protection: If discomfort is experienced, use an approved air-purifying respirator. Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines.

Environmental exposure controls: None required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance (form): Liquid.

Color: Clear, slight amber.

Odor: Ammonia-like odor.

Odor threshold: Not known.

pH (concentration): Not known.

Melting point/range (°C): Not known.

Boiling point/range (°C): > 500°F.

Flash point (°C): 255° F (PMCC method).

Evaporation rate: Not known.

Flammability (solid, gas): Not known.

Ignition temperature (°C): Not known.

Upper/lower flammability/explosive limits: Not known.

Vapor pressure (20 °C): Not known.

Vapor density: Not known.

Relative density (25 °C): Not known.

Water solubility (g/L) at 20 °C: Not known.

n-Octanol/Water partition coefficient: Not known.
Auto-ignition temperature: Not known.
Decomposition temperature: Not known.
Viscosity, dynamic (mPa s): Not known.

Physical hazards:

None.

Other information:

Fat solubility (solvent-oil to be specified): Not known.
Bulk density: Not known.
Dissociation constant in water (pKa): Not known.
Oxidation-reduction potential: Not known.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability: Stable under recommended conditions of storage. Product will not undergo hazardous polymerization.
Possibility of hazardous reactions: Hazardous polymerization is not expected to occur.
Conditions to avoid: Do not store next to heat source, in direct sunlight, or elevated storage temperature. Avoid moisture.
Incompatible materials: Strong oxidizers.
Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition may produce Carbon Monoxide and/or Carbon Dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicokinetics, metabolism and distribution:

Non-human toxicological data: No data available.
Method: No data available.
Dosage: No data available.
Routes of administration: No data available.
Results: No data available.
Absorption: No data available.
Distribution: No data available.
Metabolism: No data available.
Excretion: No data available.

Information on toxicological effects:

Acute toxicity: No data available.
Skin corrosion/irritation: No data available.
Serious eye damage/irritation: No data available.
Respiratory or skin sensitization: No data available.
Germ cell mutagenicity: No data available.
Carcinogenicity: Not data available.
Reproductive toxicity: No data available.

STOT-single exposure: No data available.
STOT-repeated exposure: No data available.
Aspiration hazard: No data available.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Results of PBT& vPvB assessment: No data available.
Other adverse effects: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods: Dispose of in accordance with municipal, provincial and national regulations. Incinerate or bury in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.
Product/packaging disposal: Recycle where possible.

SECTION 14: TRANSPORT INFORMATION

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN-Number:	Not required	Not required	Not required
UN Proper shipping name:	Not required	Not required	Not required
Transport hazard class:	Not required	Not required	Not required
Packaging group:	Not required	Not required	Not required
Marine pollutant:	Not required	Not required	Not required
Special precautions for user:	Not required	Not required	Not required
Transport in bulk according to MARPOL 73/78 Annex II and the IBC code:	Not required	Not required	Not required

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation for the mixture:

Relevant information regarding authorization: Occupational Health and Safety Act 1993 Regulation for Hazardous Chemical Substances.
Relevant information regarding restrictions: None known.
EU regulations: Regulation EC 1272/2008 [EU-GHS/CLP]
Other National regulations: None.
Chemical Safety Assessment carried out? No.

SECTION 16: OTHER INFORMATION

Indication of changes: GHS aligned.
Relevant classification and H statements (number and full text):
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Safety Data Sheet (SDS) for Art 'N Glow - Clear Casting and Coating Epoxy - Hardener

H314 Causes severe skin burns and eye damage.
H302 Harmful if swallowed.
H361 Suspected of damaging fertility or the unborn child.
Training instructions: Use as instructed.
Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.
Notice to readers: Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.