SAFETY DATA SHEET - SC110 HARDENER

Section 1: Identification

Trade Name:	SC110
Contact Information:	411 Water Fall Lane Nevada, TX 75173
Emergency Contact:	877-701-0744
Email Address:	info@epoxyking.com
Website:	https://epoxyking.com
Recommended Use:	UV-Stabilized, marine-grade clear-coat epoxy coating/primer for use on all indoor/outdoor/industrial and marine surfaces.
Chemical Family:	2-Part Clear Epoxy

Section 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**

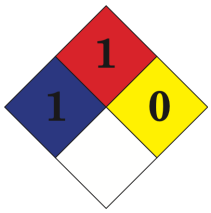
Pictogram:



Precautionary Statements:

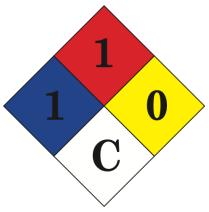
P101: If medical advice is needed, have product container or label at hand
P102: Keep out of reach of children
P103: Read label before use
P261: Avoid breathing dust/fume/gas/mist/vapors/spray
P280: Wear Protective gloves/protective clothing/eye and face protection
P333+P313: If skin irritation/rash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

Section 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:	
Hardener:	Modified Cycloaliphatic Amine: CAS# 2855-13-2 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.

Section 4: First Aid Measures

Description of first-aid measures for specific exposure:

For Ingestion:	Rinse mouth thoroughly with water. Contact a poison control center (1-800-222-1222) or a doctor immediately. **Do not** induce vomiting.
For Skin Exposure:	Promptly wash with mild soap and water.
For Inhalation:	Remove to fresh air. Give oxygen if breathing is difficult.
For Eye Exposure:	Immediately flush eyes with water for 15 minutes. Call physician.
Description of Overexposure Symptoms and 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-imperious clothing, wash before reuse. Destroy contaminated leather and absorbent shoes.

Section 5: Fire-Fighting Measures

Flash Point:	>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.

Section 6: Accidental Release Measures

Steps to be taken if material is spilled:	Absorb into sand or other absorbent material. Shovel into closeable container and dispose of in professional manner.

Section 7: Handling and Storage

Handling 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 35^{oF} and 104^{oF} in tightly closed containers in dry area to prevent moisture and carbon dioxide contamination.

Section 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

Section 9: Physical and Chemical Properties

Appearance:	Clear
Odor:	Slight ammonia odor
Physical State:	Liquid
Solubility in Water (% by weight):	Negligible
Melting Point:	$<0^{o}$ F (-18^{o} C)
Density:	1.03
pH:	ca 8

Section 10: Stability and Reactivity

Reactivity:	Non Reactive
Stability:	Stable
Incompatible Materials:	Strong acids, oxidizers and bases
Hazardous Decomposition Product	Carbon Monoxide, Carbon Dioxide, Phenolic Nitrogen Oxides and Compounds
Hazardous Polymerization:	Do not heat in bulk as dangerous decomposition may occur, liberating toxic fumes.

Section 11: Toxicological Information

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

Section 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
Bioaccumulative Potential:	No further relevant information available
Mobility in Soil:	No further relevant information available

Section 13: Disposal Considerations

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

Section 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
Class:	55
UN:	N/A
HTS Code	3907.30.0000
Notes:	Not Regulated under DOT, ADR, AND, IMDG, IATA

Section 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 MSDS's that are copied and distributed for this material.

Section 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 SDS and complies with all current regulations.

This product is food safe once fully cured.

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Disclaimer: The information contained in this SDS is based on data from sources considered to be reliable but Epoxy King does not guarantee the accuracy or completeness thereof. Epoxy King recommends that each customer or recipient of this SDS studies it carefully to become knowledgeable of and understand the risk and hazards associated with this product. The reader should consider consulting individuals who are experts in ventilation, toxicology or fire and understand the data in this SDS.