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Barristo Enterprises, Inc., SureHold
 3717 N Ravenswood Avenue Suite 243
 Chicago, IL 60613
info@surehold.com
www.surehold.com
 Telephone: + 773-525-1801; Toll Free: 800-881-4495
 Fax: +773-525-1750

Emergency: 800-881-4495
 International Emergency:

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: SureHold 90 SECOND EPOXY (HARDENER)
 Product Type: Epoxy hardener

This product appears in the following stock number(s):
 SH-335, SH-336

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
POLYAMINE-POLYMERCAPTAN BLEND Mixture	>80	Not listed	Not listed
2,2-OXYBIS (N,N-DIMETHYLETHANAMINE) 3033-62-3	<5	0.05 ppm	Not listed
SUBSTITUTED AMIDINE 6674-22-2	<5	Not listed	Not listed

3. HAZARDS IDENTIFICATION

Toxicity: Corrosive. The product causes burns of eyes, skin and mucous membranes.
Primary Routes of Entry: Eye and skin contact, ingestion, inhalation
Signs and Symptoms of Exposure: Can cause severe and painful burns on contact to eyes, skin and if taken internally. Inhalation of mist or vapor can cause damage to the upper respiratory tract and to the tissue depending on severity of exposure. Effects can range from mild irritation of mucous membranes to severe pneumonitis and destruction of lung tissue.

Aggravated Medical Condition: Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention. If symptoms persist, call a physician.
Skin Contact: Immediately remove contaminated clothing and excess contaminant. Flush with water for at least 15 minutes. Wash thoroughly with soap and water. Consult a physician if irritation develops.
Eye Contact: Flush eyes with clean water for at least 20 minutes while gently holding eyelids open, lifting upper and lower lids. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash Point °F(C°): >200°F (>93°C)
Recommended Extinguishing Media: Dry chemical, Carbon dioxide, Foam
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus and protective clothing to prevent all skin and eye contact
Hazardous Products of Combustion: Oxides of carbon, Oxides of nitrogen, Oxides of sulfur, Hydrogen sulfide
Unusual Fire/Explosion Hazards: Irritating or toxic gases or fumes may be generated by thermal decomposition or combustion.
Lower Explosive Limit: n/d
Upper Explosive Limit: n/d

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal. Wear appropriate protective and respiratory equipment.

7. HANDLING AND STORAGE

Storage: Store in a cool, dry area. Keep away from acids and oxidizers.
Handling: Do not inhale vapors. Avoid contact with skin and eyes. Avoid contact with clothing. Wash hands before eating and smoking. Discard contaminated leather gloves and shoes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Wear safety glasses or goggles to protect against exposure
Skin: Neoprene or nitrile gloves recommended.
Ventilation: General: local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.
Respiratory Protection: An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber liquid
Odor: Mercaptan
Boiling Point: Not determined
pH: Not applicable
Solubility in Water: Dispersable
Specific Gravity: 1.12
VOC(Wt. %): 0
Vapor Pressure: Not Determined
Vapor Density (Air=1): >1
Evaporation Rate: <1 (butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions
Hazardous Polymerization: Will not occur
Incompatibilities: Strong oxidizing agents (i.e. perchlorates, nitrates), acids (i.e. chromerge) and chlorinated organic compounds, Amines
Conditions to Avoid: Excessive heat.
Hazardous Products of Combustion: Oxides of carbon, Oxides of nitrogen, Oxides of sulfur, Hydrogen sulfide

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations
US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

U.S. Department of Transportation - DOT - 49 CFR (Ground)

DOT Shipping Name: Corrosive liquid, basic, organic, n.o.s.(Mercaptan/Amine blend), Limited Quantity
Hazard Class: Class 8 PGIII
UN/ID Number: UN 3267

IATA (Air)

Proper Shipping Name: Consumer Commodity
Class or Division: Class 9
UN/ID Number: ID 8000

IMDG (Vessel)

Proper Shipping Name: Corrosive liquid, basic, organic, n.o.s.(Mercaptan/Amine blend), Limited Quantity
Hazard Class: Class 8 PGIII
UN Number: UN 3267

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

15. REGULATORY INFORMATION**SARA 313 Information** None**California Proposition 65:** No California Prop 65 chemicals are known to be present at or above the No Significant Risk Level.**TSCA Inventory Status:** All components of this product are listed (or exempt) on the EPA TSCA inventory.**16. OTHER INFORMATION****Estimated NFPA Rating:** HEALTH 3, FLAMMABILITY 1, REACTIVITY 0
Estimated HMIS Classification: HEALTH 3, FLAMMABILITY 1, PHYSICAL HAZARD 0
(NFPA is a registered trademark of the National Fire Protection Association)
(HMIS is a registered trademark of the National Paint and Coatings Association)**Prepared By:** SureHold
Company: Barristo Enterprises, Inc.
Telephone No.: 800-881-4495**Revision Date:** September 04, 2012
Revision Number: 1

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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: SureHold 90 SECOND EPOXY (RESIN)

This product appears in the following stock number(s):
 SH-335, SH-336

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
BISPHENOLA/EPICHLOROHYDRIN BASED EPOXY RESIN 25068-38-6	>90	Not listed	Not listed
TREATED SILICON DIOXIDE, SYNTHETIC, CRYSTALLINE-FREE 67762-90-7	<10	10 mg/m ³	Not listed

3. HAZARDS IDENTIFICATION

Toxicity: This material is irritating to skin, eyes and respiratory tract. May cause skin irritation in sensitive individuals.

Primary Routes of Entry: Eye and skin contact, ingestion, inhalation

Signs and Symptoms of Exposure: May cause pain, redness or swelling of the eyes and excessive blinking and tear production. Eye irritation may be severe and result in injury. Skin redness. Repeated skin contact may cause allergic skin reactions. Ingestion may cause cramps or diarrhea.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person

Inhalation: Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.

Skin Contact: Wash with soap and water. Remove contaminated clothing and laundry before reuse. If skin irritation persists, call a physician.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists

5. FIRE FIGHTING MEASURES

Flash Point °F(C°): >400°F (>204°C)

Recommended Extinguishing Media: Dry chemical, Carbon dioxide, Foam

Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus and protective clothing to prevent all skin and eye contact

Hazardous Products of Combustion: Oxides of carbon, Chlorine

Unusual Fire/Explosion Hazards: Heating above 149°C (300°F) in the presence of air may cause slow oxidation decomposition and above 260°C (500°F) may cause polymerization.

Lower Explosive Limit: n/d

Upper Explosive Limit: n/d

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal

7. HANDLING AND STORAGE

Storage: Store in a cool, dry area. Store away from heat.

Handling: Avoid contact with skin and eyes. Use only in a well-ventilated area. Wash hands before eating and smoking. Discard contaminated leather gloves and shoes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses
Skin: Neoprene or nitrile gloves recommended
Ventilation: General: local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.
Respiratory Protection: An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear viscous liquid
Odor: Little odor
Boiling Point: >500°F (>260°C)
pH: Neutral
Solubility in Water: Negligible
Specific Gravity: 1.16
VOC(Wt. %): 0
Vapor Pressure: 0.03 mmHg
Vapor Density (Air=1): >1
Evaporation Rate: <1 (butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions
Hazardous Polymerization: Will not occur
Incompatibilities: Strong Lewis or mineral acids, strong oxidizing agents, strong mineral and organic bases (especially primary and secondary aliphatic amines)
Conditions to Avoid: Excessive heat.
Hazardous Products of Combustion: Oxides of carbon, Chlorine

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations
US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

U.S. Department of Transportation - DOT - 49 CFR (Ground)

DOT Shipping Name: Not regulated
Hazard Class: None
UN/ID Number: None

IATA (Air)

Proper Shipping Name: Not regulated
Class or Division: None
UN/ID Number: None

IMDG (Vessel)

Proper Shipping Name: Not regulated
Hazard Class: None
UN Number: None

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

SARA 313 Information None

California Proposition 65: WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

15. REGULATORY INFORMATION

TSCA Inventory Status: All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 1, REACTIVITY 0
Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 1, PHYSICAL HAZARD 0
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