

## SUREHOLD® 90 Second Epoxy, Part No. SH-336

Revision 1  
Revision Date 01-Oct-2012**Barristo Enterprises, Inc., dba SureHold®****SAFETY DATA SHEET****90 Second Epoxy (Hardener)****1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY**

Product Name 90 Second Epoxy Hardener

Part Number SH-336

Company Barristo Enterprises, Inc. dba SureHold  
3717 N Ravenswood Avenue, Suite 243  
Chicago, IL 60613  
[info@surehold.com](mailto:info@surehold.com)  
[www.surehold.com](http://www.surehold.com)

Telephone + 773-472-8592; Toll Free 800-881-4495

Fax + 773-525-1750

Emergency telephone number 800-881-4495

**2. HAZARDS IDENTIFICATION**

Main hazards Corrosive. The product causes burns of the eyes, skin and mucous membranes. 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. Effect can range from mild irritation of mucous membranes to severe pneumonitis and destruction of lung tissue.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

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

**4. FIRST AID MEASURES**

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.

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.

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.

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**SUREHOLD® 90 Second Epoxy, Part No. SH-336**Revision 1  
Revision Date 01-Oct-2012**5. FIRE FIGHTING MEASURES**

Extinguishing media	Dry chemical, Carbon dioxide, Foam
Flash Point °F (°C)	>200°F (>93°C)
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**

Clean-up methods	Maintain good ventilation. Take up with an inert absorbent. Store in closed waste container until disposal. Wear appropriate protective and respiratory equipment.
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**7. HANDLING AND STORAGE**

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

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Engineering measures	General; local exhaust ventilation is 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.
Occupational exposure controls	Keep away from food, drink and animal feeding stuffs.
Respiratory protection	An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits
Skin protection	Neoprene or nitrile gloves recommended.
Eye protection	Wear safety glasses or goggles to protect against exposure.
Protective equipment	Adopt best Manual Handling considerations when handling, carrying and dispensing. Wear suitable protective equipment. Protect clothing from contact with the product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Description	Liquid.
Color	Amber.
Odor	Mercaptan.
Boiling point	Not determined
pH	Not applicable
Solubility in Water	Dispersible
Specific Gravity	1.12
VOC (Wt.%)	0
Vapor Pressure	Not Determined
Vapor Density (Air=1)	>1
Evaporation Rate	<1 (butyl acetate = 1)

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**SUREHOLD® 90 Second Epoxy, Part No. SH-336**Revision 1  
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Stability	Stable under 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**

General information	Dispose of in compliance with all federal, state, local and national regulations.
US EPA Waster Number	NH – Not a RCA Hazardous Waste Material

**14. TRANSPORT INFORMATION****DOT (49CFR 172)****US 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 13 Chemicals	The following component(s) is listed as SARA Section 313 Toxic Chemical
Sara 313 Information	None
California Proposition 65	No California Prop 65 chemicals are not 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.

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**SUREHOLD® 90 Second Epoxy, Part No. SH-336**Revision 1  
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Estimated NFPA Rating HEALTH 3, FLAMMABILITY 1, REACTIVITY 0  
Estimated HMIS HEALTH 3, FLAMMABILITY 1, PHYSICAL HAZARD 0  
Classification  
(NFPA is a registered trademark of the National Fire Protection Association)  
(HMIS is a registered trademark of the National Paint and Coatings Association)

**Further information**

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication; however, no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

## SUREHOLD® 90 Second Epoxy, Part No. SH-336

Revision 1  
Revision Date 01-Oct-2012**Barristo Enterprises, Inc., dba SureHold®**

## SAFETY DATA SHEET

## 90 Second Epoxy (Resin)

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY**

Product Name 90 Second Epoxy Resin

Part Number SH-336

Company Barristo Enterprises, Inc. dba SureHold  
3717 N Ravenswood Avenue, Suite 243  
Chicago, IL 60613  
[info@surehold.com](mailto:info@surehold.com)  
[www.surehold.com](http://www.surehold.com)

Telephone + 773-472-8592; Toll Free 800-881-4495

Fax + 773-525-1750

Emergency telephone number 800-881-4495

**2. HAZARDS IDENTIFICATION**

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

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Component	Weight	CAS	ACGIH;TLV-TWA	OSHA PEL
BISPHENOL A/EPICHLOROHYDRIN BASED EPOXY RESIN	>90	2506-38-6	Not listed	Not listed
TREATED SILICON DIOXIDE, SYNTHETIC, CRYSTALLINE-FREE	<10	67762-90-7	10 mg/m <sup>3</sup>	Not listed

**4. FIRST AID MEASURES**

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

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

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

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.

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**SUREHOLD® 90 Second Epoxy, Part No. SH-336**Revision 1  
Revision Date 01-Oct-2012**5. FIRE FIGHTING MEASURES**

Extinguishing media	Dry chemical, Carbon dioxide, Foam
Flash Point °F (°C)	>400°F (>204°C)
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**

Clean-up methods	Maintain good ventilation. Take up with an inert absorbent. Store in closed waste container until disposal. Wear appropriate protective and respiratory equipment.
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**7. HANDLING AND STORAGE**

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

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Engineering measures	General; local exhaust ventilation is 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.
Occupational exposure controls	Keep away from food, drink and animal feeding stuffs.
Respiratory protection	An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits
Skin protection	Neoprene or nitrile gloves recommended.
Eye protection	Wear safety glasses or goggles to protect against exposure.
Protective equipment	Adopt best Manual Handling considerations when handling, carrying and dispensing. Wear suitable protective equipment. Protect clothing from contact with the product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Description	Viscous Liquid.
Color	Clear.
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)

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**SUREHOLD® 90 Second Epoxy, Part No. SH-336**Revision 1  
Revision Date 01-Oct-2012**10. STABILITY AND REACTIVITY**

Stability	Stable under 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**

General information	Dispose of in compliance with all federal, state, local and national regulations.
US EPA Waster Number	NH – Not a RCA Hazardous Waste Material

**14. TRANSPORT INFORMATION****DOT (49CFR 172)****US 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 13 Chemicals	The following component(s) is listed as 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.
TSCA Inventory Status	All components of this product are listed (or exempt) on the EPA TSCA Inventory.

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**SUREHOLD® 90 Second Epoxy, Part No. SH-336**Revision 1  
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Estimated NFPA Rating      HEALTH 2, FLAMMABILITY 1, REACTIVITY 0  
Estimated HMIS              HEALTH 2, FLAMMABILITY 1, PHYSICAL HAZARD 0  
Classification  
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Further information              The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication; however, no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.