

# Barristo Enterprises, Inc., dba SureHold®

## SAFETY DATA SHEET

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

Product Identifier Wire Glue, Part No.SH-455

#### Relevant identified uses of the substance or mixture and uses advised against

Intended Use: Electrically Conductive Carbon Adhesive

#### Details of the supplier of the safety data sheet

Barristo Enterprises, Inc. dba SureHold

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Phone: 773-472-8592; Toll Free 800-881-4495

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#### 24 Hour Emergency telephone number

Emergency Tel: 800-881-4495

#### Email address

[information@surehold.com](mailto:information@surehold.com)

### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

Not hazardous in accordance with the EU CLP (1272/2008)

Physical	Not Hazardous
Health	Not Hazardous
Environmental	Not Hazardous

#### Label elements:

Not hazardous in accordance with EU CLP (1272/2008)

<b>Hazard pictogram:</b>	None
<b>Single word:</b>	None
<b>Emergency Overview:</b>	Not hazardous

#### Other hazards:

None if used properly.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**General chemical description:** Wire Glue

**Base substances of preparation:** Mixture

Chemical Name	CAS-No	EINECS Number Index Number REACH-Reg No.	Weight - %
PVA – polyvinyl acetate	9003-20-7	231-791-2 Exempt	54%
Graphite	7782-42-5	231-995-3 Exempt	13%
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### 4. FIRST AID MEASURES

#### Description of first aid measures

General advice

Inhalation:	IF INHALED: Remove victim to fresh air.
Skin contact:	IF ON SKIN: In case of irritation, flush with water.
Eye contact:	IF IN EYES: Immediately flush eyes with plenty of water. Call a physician if irritation persists.
Ingestion:	If accidentally swallowed, dilute by drinking large quantities of water. Immediately contact poison control center or hospital emergency room for any other additional treatment directions.

**Most important symptoms and effect, both acute and delayed**

Eye:	Eye Contact: Immediately flush eyes with plenty of water. Call a physician if irritation persists.
Skin:	Skin Contact: May cause irritation on prolonged or repeated contact.
Respiratory	Inhalation: Not expected to be harmful under normal conditions of use. However, if allowed to become airborne, may cause irritation of nose, throat and lungs.
Ingestion	Not expected to be harmful under normal conditions of use.

**Indication of any immediate medical attention and special treatment needed**

Immediate medical attention is not generally required.

**5. FIRE FIGHTING MEASURES****Extinguishing media**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

**Special hazards arising from the substance or mixture**

Will not burn unless water has evaporated. Dried material may burn. Combustion of wire glue may cause a release of carbon monoxide and carbon dioxide.

**Advice for firefighters**

Wear suitable protective equipment. Wear self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as described in Section 8 of the safety data sheet.

**Environmental precautions**

Prevent entry into natural bodies of water.

**Methods and material for containment and cleaning up**

Soak up with absorbent material and remove to a chemical disposal area.

**Reference to other sections**

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

**7. HANDLING AND STORAGE****Precautions for safe handling**

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice. Always use appropriate Personal Protective Equipment (PPE). Avoid prolonged or repeated breathing of vapor. Avoid prolonged or repeated contact with skin and clothing. Avoid prolonged or repeated contact with eyes.
Advice on general occupational hygiene:	Wash hands and face before eating.

**Conditions for safe storage, including and incompatibilities**

Store in a cool, dry area. Keep containers tightly closed.

**Specific End Uses:**

Industrial Uses: Electrically conductive carbon adhesive

Professional Uses: Electrically conductive carbon adhesive

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters:** none defined.

### **Exposure controls**

Appropriate Engineering Controls: Never eat, drink or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking or smoking, using the toilet or apply cosmetics. Wash hands thoroughly handling.

### **Personal protective measures**

Eye/Face protection	Safety glasses with side shields per OSHA eye- and face- protection regulations 29CFR 1910.133 and European Standards EN 166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.
Skin protection	Wear any liquid-tight gloves such as butyl rubber, neoprene or PVC.
Respiratory protection	Use of this product does not require use of a respirator. Should other occupational exposure factors warrant a respirator, follow OSHA respirator regulations 29 CFR 1910.134 and European Standards EN 141, 143, 371 approved respirators equipped with appropriate cartridges.
Other protective clothing/equipment	Additional protective clothing or equipment is not normally required. Provide eye bath and safety shower.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Information on basic physical and chemical properties**

Physical state:	Liquid
Appearance:	Black
Odor:	Mild acetic aroma
Odor threshold	Not available.
pH:	5 @ 25°C
Melting point/freezing point:	0°C
Initial boiling point and boiling range:	100°C
Flash point	Not applicable
Evaporation rate (Butyl acetate = 1):	<1
Flammability:	Not applicable
Upper flammability limit:	Not applicable
Lower flammability limit:	Not applicable
Vapor Pressure (20°C):	17.5 mmHg
Vapor Density (Air=1):	<1
Relative Density:	0.6g/cm <sup>3</sup>
Solubility:	Dispersible in water
Partition coefficient:	Not applicable.
Auto-ignition temperature:	Not available
Decomposition temperature:	Not applicable.
Viscosity	Not determined
Explosive properties:	Not applicable
Oxidizing properties:	Product is not oxidizing.

### **Other information**

VOC content:	Not applicable
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## **10. STABILITY AND REACTIVITY**

**Reactivity**

Product is stable. Not reactive under normal conditions of use.

**Chemical stability**

Stable.

**Possibility of hazardous reactions**

None known.

**Conditions to avoid**

Exposure to heat, flame and incompatibles.

**Incompatible materials**

Strong acids and alkaline materials. Strong oxidizing and reducing agents.

**Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.  
Carbon oxides form under condition of fire.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Inhalation</b>	Not toxic by inhalation.
<b>Eye contact</b>	May cause irritation on prolonged or repeated contact.
<b>Skin contact</b>	Prolonged contact is essentially non-irritating to skin.
<b>Ingestion</b>	Not toxic orally.
<b>Chronic Effects</b>	None known.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Sensitization</b>	Components are not known to be sensitizers.
<b>Germ cell mutagenicity</b>	No information available
<b>Skin Corrosion/irritation</b>	None of the components have been shown to cause skin irritation or corrosion.
<b>Eye damage/irritation</b>	None of the components have been shown to cause eye irritation or damage.
<b>Respiratory sensitization</b>	No data available.
<b>Skin sensitization</b>	No data available
<b>Carcinogenicity</b>	None of the components of this product are listed as carcinogens by IARC or the EU CLP.
<b>Reproductive Toxicity</b>	No data available
<b>Specific Target Organ Toxicity</b>	Single Exposure: No data available. Repeat Exposure: No data available.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Not regarded as dangerous for the environment. However, contamination of aquatic and terrestrial environments should be avoided.

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.
Results of PBT and vPvB Assessment:	PBT: Not applicable vPvB: Not applicable
Other adverse effects:	German Regulation: Water Hazard Class 1.

Self-assessment: slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

Disposal of wastes

Recover free liquid. Absorb residue and dispose of in accordance with all local, state and federal requirements. No specific disposal method is recommended. It is the responsibility of the user, at the time of disposal, to determine whether the product meets the criteria for hazardous waste.

### 14. TRANSPORT INFORMATION

**General:** This material is not covered by international regulation on the transport of dangerous goods (IMGD, IATA, ADR/RID).

**DOT** Proper shipping name Not regulated

**IATA** Proper shipping name Not regulated

**IMGD** Proper shipping name Not regulated

### 15. REGULATORY INFORMATION

**Safety health and environmental regulations/legislation specific for the substance or mixture: In the United States (EPA Regulations):**

**TSCA Inventory Status (40 CFR710):** All components of this formulation are listed in the TSCA Inventory.  
**SARA 302 Components:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards:** None.

**California Proposition 65:** This product does not intentionally contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**Chemical Safety Assessment:** No chemical safety assessment has been carried out for this substance/mixture by the supplier.

### 16. OTHER INFORMATION

NFPA	Health hazards 0	Flammability 0	Instability 0	---
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection 0

NFPA (National Fire Protection Association)  
HMIS (Hazardous Material Information System)

#### CLP/GHS Classification and H Phrases for Reference (See Section 3)

None.

**Further information** This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties. Substances have been classified in accordance with Regulation EU CLP 1272/2008.