

TECHNICAL DATA SHEET

SEPTEMBER 2018

(Electrically Conductive) Wire Glue

PRODUCT DESCRIPTION

Technology	
Chemical Type	Adhesive
Appearance	Black liquid
Drying Time (ASTM D 1640-69)	To Touch: 2 hours Through: 12 to 48 hours (Depending upon temperature, relative humidity, coating thickness and substrate)
Application Temperature Range	40°F to 110°F (4°C to 43°C)
Service Temperature Range	0°F to 180°F (-17.8°C to 82.2°C) constant -20°F to 200°F (-29°C to 93°C) intermittent
Wet Flammability Information	No flash to boiling (212°F) closed cup (ASTM D 93)
Conductivity (ASTM D257)	13.16 Ohms per cubic centimeter
Density	0.6 grams per cubic centimeter

SureHold's Wire Glue is an electrically conductive, water-based adhesive for use as a replacement for soldering in all types of low voltage, low current electrical connections both indoors and outdoors.

Wire Glue is suitable for application at ambient temperatures down to 40°F (4°C) and where the temperature is not expected to be below 35°F (2°C) for at least 24 hours after application.

Wire Glue features durability, weather protection, chemical and oil resistance. In most applications, the recommended dried film thickness for Wire Glue is 1/16" or less for best electrical connections.

- For AC and DC Circuits.
- Quick and Easy Repairs. Permanent bond.
- Safe, Lead Free and Non-Toxic.

Note: Due to the high currents, Wire Glue is not recommended for use on rear window defogger repairs.

SAFETY AND HANDLING PRECAUTIONS:**KEEP OUT OF REACH OF CHILDREN.**GENERAL INFORMATION

For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

Directions for use:

- 1) Make sure areas to be electrically connected are clean, dry and scratched bright with sandpaper or pencil eraser.
 - 2) Stir glue thoroughly
 - 3) Apply with a stick or toothpick.
 - 4) Replace cap securely after use.
 - 5) Allow to cure overnight.
- For best product preparation, pour off and save liquid on top. Thoroughly mix paste on jar bottom, reintroduce liquid and mix again.
 - If your jar of glue starts to dry out, mix in a few drops of water.
 - To get a stronger bond, after Wire Glue is dried, over coat connection with SureHold's Plastic Surgery Super Glue or similar cement.

Store in cool, dry place. Shelf-life is 5 years with container tightly closed.

Part No. SH-455

NOTE

The data contained herein are furnished for information only and are believed to be reliable. Barristo Enterprises, Inc. cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, Barristo Enterprises, Inc. specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Barristo Enterprises, Inc. products. Barristo Enterprises, Inc. specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits. The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Barristo Enterprises, Inc. patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.