



# Technical Data Sheet



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### UNITED STATES



2.0 fl oz (Clear)

Not all styles/sizes/colors available in all areas

## SHOE GOO

### BOOTS & GLOVES ADHESIVE

#### PRODUCT DESCRIPTION

SHOE GOO Boots & Gloves provides a thick protective coating that dramatically extends the life of high wear areas on boots and gloves – even all types of sporting gloves! It also waterproofs seams and provides a permanent repair solution to most work boots or gloves.

#### WHERE TO USE / APPLICATIONS

Use to protect shoe toes or glove fingers. It also waterproofs seams and provides a permanent solution to most worn boot or glove repairs.

#### FEATURES AND BENEFITS

**FLEXIBLE** – does not become brittle in cold weather; good for coating and repairing items that require flexibility

**ABRASION RESISTANT** – great for bonding and protecting objects subject to wear

**WATERPROOF** – submersible in fresh and salt water after completely cured

**PAINTABLE** – Paint to match surrounding area or for UV resistance after complete cure

**WASHER/DRYER SAFE** – safe for use on clothing and fabrics; do not dry clean

#### TECHNICAL INFORMATION

PROPERTIES	
UNCURED MATERIAL	
Color:	Clear
VOC:	486 grams/liter
Solvent:	Toluene, Petroleum Distillates (flammable)
Density:	7.5 lbs/gal
Solids:	46% by weight, 42% by volume
Viscosity:	170,000 cps
Tack time:	2 minutes
Set time:	20 minutes*
Full cure time:	Thin film: 24 hours / Thick film: 48 to 72 hours
Storage:	Ideal temperature range: 50 to 80 °F (10 and 27 °C). Product may thicken when stored in colder temperatures but will not freeze. If product thickens from colder temperatures, warm to room temperature before use.
Freeze/thaw stability:	Stable, allow product to warm to room temperature before using
Shelf life:	2 years (unopened)

\*Depending on material, humidity and temperature.

CURED MATERIAL	
Chemical resistance:	Excellent to water, dilute bases
UV resistance:	None; paint-over for UV resistance
Hardness:	80 Shore A
Dielectric strength:	400V/mil (ASTM D-149); this is the maximum voltage that can be applied to a given material without causing it to break down
Tensile strength:	3800 lb/in <sup>2</sup> (ASTM D-412)
Elongation:	900% (ASTM D-412)
Service temperature:	-40 to 150 °F (-40 to 66 °C)
Paint-over time:	24 hours



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#### CHEMICALS THAT HAVE LITTLE OR NO EFFECT ON SHOE GOO

Acetic acid (5% and 10%)	SHOE GOO BOOTS & GLOVES exhibits excellent resistance to water, dilute acids and dilute bases. Thin films of SHOE GOO were immersed in various chemicals for two weeks and exhibited weight gains of less than 2% and tensile strength loss of less than 10%. These chemicals are listed on the left. All percentages are given by weight unless otherwise noted.
Ammonium hydroxide (3.4%)	
Ammonium nitrate (50%)	
Antifreeze	
Beer (3.2% alcohol by volume)	
Boric acid (3.1%)	
Distilled water	
Hydraulic oil	
Lactic acid (3.8%)	
Milk (fresh, tested at 40 °F)	
Motor oil (30w)	
Nitric acid (10% and 20%)	
Oxalic acid (3.1%)	
Phosphoric acid (30% and 60% as P <sub>2</sub> O <sub>5</sub> )	
Potassium hydroxide (3.4%)	
Sodium carbonates (2.7%)	
Sodium chloride (10%)	
Sulfuric acid (3% and 10%)	
Wine (20% alcohol by volume)	

#### SOLVENTS THAT DISSOLVE SHOE GOO

Chevron solvent 1100	These are common solvents that dissolve SHOE GOO BOOTS & GLOVES when hardened samples were immersed. The dissolution with these solvents was not instantaneous and therefore does not preclude usage in all cases. Applications were an occasional splash or brief exposure is expected may be acceptable. Test a small area before full use.
Chlorothane NU	
Cyclohexane	
Gasoline	
Methylene chloride	
Perchloroethylene	
Propyl acetate	
Toluene	
1, 1, 1-Trichloroethane	

#### DIRECTIONS and APPLICATION NOTES

- Read directions and test small area before use.
- Step 1 Surface should be clean, dry and free of dirt. Roughen surface for optimum adhesion.
  - Step 2 Puncture seal in neck of tube using pointer cap. Ideal application temperature range is 50 to 90 °F (10 to 32 °C). However, fully cured adhesive can withstand temperatures from -40 to 180 °F (-40 to 82 °C) intermittently.
  - Step 3 Apply directly to each surface to be bonded or repaired. Allow to partially cure, approximately 2 minutes before mating surfaces. Hardens by solvent evaporation and forms an immediate bond that is difficult to reposition after both adhesive- coated surfaces are placed in contact with each other and sufficient pressure is exerted to establish full contact.
  - Step 4 Allow repair to cure for 24 hours. Depending on materials and temperature, maximum strength may not be reached for 48 to 72 hours.
  - Step 5 For future easy cap removal, apply a thin coat of petroleum jelly to the threads of the tube before replacing the cap.
  - Step 6 Clean uncured adhesive with acetone or citrus-based solvents. Cured material may be removed by cutting or scraping.

For technical assistance, call 800.767.4667.

**WATERPROOFING/PROTECTING GLOVES:** To build a thick coating over high wear areas and along seams, use thin coats (spread with a disposable tool) to build a thick coating, allowing each layer to set 3-4 hours.



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### COATING BOOT or SHOE TOES:

Tape edge of area to be protected with masking or painter's tape.

Apply SHOE GOO BOOTS & GLOVES over surface.

Quickly spread with throw-away spreader (such as a popsicle stick) before adhesive skins over.

Remove immediately after spreading.

Product will self-level after about 30 minutes and set smoothly.



Note: Use thin coats to build a thick coating. However, make sure each coat is applied evenly. Let set 3 to 4 hours between coatings.

**REPAIRING WORN SOLES:** To repair holes in outer sole, tape the inside bottom of the boot or shoe. Fill in hole on outer sole with SHOE GOO BOOTS & GLOVES. Place boot or shoe upside down and allow to cure 24 to 72 hours (sole facing ceiling).

- Please read all directions before using. Use in well-ventilated area.
- May damage finished surfaces. Avoid such contact until completely dry. Not recommended for use on polystyrene, polyethylene, polypropylene, Styrofoam™ or paper products, and any items that come into contact with food, drinking water or animals.
- Ice can be used when applying as a coating for ease of spreading across surface.

### HEALTH and SAFETY

This product contains toluene and petroleum distillate. Before working with this product, read and become familiar with information concerning hazards, proper use and handling. SDS's are available online at the following links:

USA-

English (Clear): <http://eclecticproducts.com/downloads/sds-sg-bg-english-US.pdf>

**⚠WARNING:** This product can expose you to chemicals including toluene and carbon black which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

### LIMITED WARRANTY

The product is warranted against any defect in materials or workmanship under normal use for a period of 180 days after the date of purchase. The product is also warranted under any implied warranties provided under applicable state law, including, without limitation, the implied warranty of merchantability and the implied warranty of fitness for a particular purpose, for a period of 180 days after the date of purchase. This warranty covers only the original buyer of the product. For warranty service, the buyer should contact the store where the product was purchased, or write Eclectic Products, Inc., P.O. Box 4450, Pineville LA 71361 or call 800.767.4667. This warranty gives you specific legal rights, and you also have other rights, which vary from state to state.