



Technical Data Sheet



Eclectic Products, Inc.
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ISO 9001:2008
Compliant
Quality Management
Systems

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29.5 mL
59.1 mL

SHOE GOO

SHOE REPAIR ADHESIVE (Clear)

PRODUCT DESCRIPTION

SHOE GOO has been scientifically formulated to repair, seal and stick to a wide variety of materials with superior strength to any other brand. SHOE GOO contains a resin system designed for stronger abrasion resistance and better adhesion to flexible materials. Leather, rubber, vinyl and canvas – SHOE GOO is the most versatile and effective adhesive available.

WHERE TO USE / APPLICATIONS

- Rebuild your worn-out soles overnight
- Seal rubber boots, galoshes and waders
- Coat & protect shoes to avoid premature wear
- Repair damages heels; secure loose insoles
- Reinforce and protect skate shoes; coat skateboards for extra traction

FEATURES AND BENEFITS

WATERPROOFING – water resistant immediately upon application

REPAIRING WORN SOLES – makes your favorite footwear last longer

FISHING/FOUL WEATHER GEAR – repair on the reinforced fabric inside

TECHNICAL INFORMATION

PROPERTIES	
UNCURED MATERIAL	
Color:	Clear
VOC:	2.0 grams/liter
Solvent:	Perchloroethylene
Non-flammable:	Yes
Density:	1.32 +/- 0.01 g/mL
Solids:	30% by weight, 40% by volume
Viscosity:	100,000 cps medium
Tack time:	~ 4 minutes
Set time:	70 minutes*
Full cure time:	Thin film: 24 hours / Thick film: 48 - 72 hours
Storage:	Product may thicken when stored in colder temperatures but will not freeze. If product thickens from colder temperatures, warm to room temperature before use.
Application Temp:	Ideal application temperature range is 10 to 32 °C.
Freeze/thaw stability:	Stable, allow product to warm to room temperature before using
Shelf life:	2 years (unopened)
<i>*Depending on material, humidity and temperature.</i>	
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:	246,100 gf/cm ² (ASTM D-412)
Elongation:	900% (ASTM D-412)
Service temperature:	Cured adhesive can withstand temperatures from -40 to 82 °C intermittently.
Paint-over time:	24 hours



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CHEMICALS THAT HAVE LITTLE OR NO EFFECT ON SHOE GOO

Acetic acid (5% and 10%)
 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 4.44 °C)
 Motor oil (30w)
 Nitric acid (10% and 20%)
 Oxalic acid (3.1%)
 Phosphoric acid (30% and 60% as P₂O₅)
 Potassium hydroxide (3.4%)
 Sodium carbonates (2.7%)
 Sodium chloride (10%)
 Sulfuric acid (3% and 10%)
 Wine (20% alcohol by volume)

SHOE GOO 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.

SOLVENTS THAT DISSOLVE SHOE GOO

Chevron solvent 1100
 Chloroethane NU
 Cyclohexane
 Gasoline
 Perchloroethylene
 Propyl acetate
 Toluene

These are common solvents that dissolve SHOE GOO 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.

DIRECTIONS and APPLICATION NOTES

Read directions and test small area before use.

- Step 1 Surface should be clean, dry and free of dirt.
- Step 2 Puncture seal in neck of tube using pointer cap. Ideal application temperature range is 10 to 32 °C. However, fully cured adhesive can withstand temperatures from -40 to 82 °C intermittently.
- Step 3 Apply directly to each surface to be protected, bonded or repaired. Allow to partially cure, approximately 2 minutes before mating surfaces. For waterproofing and protecting, use thin coats (spread with a disposable tool) to build a thick coating, allowing each layer to set 3-4 hours.
- 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.

Note: Ice can be used when applying as a coating for ease of spreading across surface.

Note: May damage finished surfaces. Avoid such contact until completely dry. Not recommended for use on Styrofoam™, polystyrene, polyethylene, polypropylene or polypropylene plastics, aquariums or refrigeration units and any items that come into contact with food, drinking water or animals.

RTM No. 011199478



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HEALTH and SAFETY

Product contains perchloroethylene.

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:

English SDS - <http://eclecticproducts.com/downloads/sds-shoe-goo-english-Europe.pdf>

French SDS - <http://eclecticproducts.com/downloads/sds-shoe-goo-french-Europe.pdf>

Spanish SDS - <http://eclecticproducts.com/downloads/sds-shoe-goo-spanish-Europe.pdf>

German SDS - <http://eclecticproducts.com/downloads/sds-shoe-goo-german-Europe.pdf>

To request a hard copy of the SDS, please send an e-mail to sds@eclecticproducts.com.

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.