

Technical Data Sheet



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ISO 9001:2008
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SHOE GOO® SHOE REPAIR ADHESIVE

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:	11.0 +/-0.1 lbs/gal
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:	Ideal temperature range: 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.
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)

*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:	3500 lb/in 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%)	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.
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 ₂ O ₅)	
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® 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. For best results, lightly roughen surface before use.
- Step 2 Puncture seal in neck of tube using pointer cap (If tube has a foil seal). Ideal application temperature range is 10 and 32 °C. However, fully cured adhesive can withstand temperatures from -40 to 82 °C intermittently.
- Step 3 Apply directly to each surface to be bonded or repaired.
- Step 4 Allow repair to cure for 24 hours. Depending on the 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.

- 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 Styrofoam™, polystyrene, polyethylene, polypropylene or polypropylene plastics, aquariums or refrigeration units 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.
- For repairing and protecting Skate shoes, visit: shoegooskate.com



HEALTH and SAFETY

FUMES MAY BE HARMFUL. MAY IRRITATE EYES. Do not get in eyes or on skin. Do not breathe fumes. Use only in a well-ventilated area. Keep out of reach of children.

FIRST AID TREATMENT: Contains perchloroethylene. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If breathed in, move person into fresh air. If in eyes or on skin, rinse well with water for 15 minutes.

May cause dizziness, headache or nausea. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful. Open windows and doors during application and curing.

Before working with this product, read and become familiar with information concerning hazards, proper use and handling. MSDS is available on line at:

eclecticproducts.com/downloads/sds-shoe-goo-ii-english-Canada.pdf;

eclecticproducts.com/downloads/sds-shoe-goo-ii-french-Canada.pdf; to request a hard copy of the SDS, please send an e-mail to msds@eclecticproducts.com or call 800.333.9826.

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.