# Technical Data Sheet



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ISO 9001:2015 Compliant Quality Management Systems

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#### CANADA



109.4 mL Not all styles/sizes available in all areas

# **AMAZING GOOP**

HOUSEHOLD ADHESIVE

### PRODUCT DESCRIPTION

AMAZING GOOP HOUSEHOLD is a versatile contact adhesive and sealant that be used for just about any do-it-yourself household project. Dries clear. Waterproof. Paintable.

### WHERE TO USE / APPLICATIONS

Use in and around the home for repairs to vinyl, rubber, fabric, glass, plastic, metal, brick, wood and many more items.

### FEATURES AND BENEFITS

FLEXIBLE - does not become brittle in cold weather

CHEMICAL RESISTANT - safe for applications exposed to dilute acids and dilute caustics

ABRASION RESISTANT - great for bonding objects subject to normal wear

WATERPROOF - can be submerged in fresh and salt water after complete cure

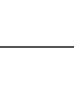
PAINTABLE – paint to match surrounding area or for UV resistance after completely cured

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

### **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:	20 minutes*				
Full cure time:	Thin film: 24 hours / Thick film: 48-72 hours				
Storage:	Product may thicken when stored in colder temperatures but will no				
	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 acids & 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 appli				
	to a given material without causing it to break down				
Tensile strength:	3500 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				

ADHESION TEST – 180° Peel Strength Test - ASTM D 903						
Aluminum	Aluminum	Aluminum	Aluminum	Aluminum		
35 pli	35 pli	35 pli	35 pli	35 pli		



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Avg. Max Load Measured in pli (pounds per linear inch)

#### CHEMICALS THAT HAVE LITTLE OR NO EFFECT ON AMAZING GOOP

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 Hvdraulic 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 P2O5) Potassium hydroxide (3.4%) Sodium carbonates (2.7%) Sodium chloride (10%) Sulfuric acid (3% and 10%) Wine (20% alcohol by volume)

AMAZING GOOP exhibits excellent resistance to water, dilute acids and dilute bases. Thin films of GOOP 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 AMAZING GOOP

Chevron solvent 1100 Chlorothane NU Cyclohexane Gasoline Methylene chloride Perchloroethylene Propyl acetate Toluene 1, 1, 1-Trichloroethane

These are common solvents that dissolve AMAZING GOOP 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. 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 surfaces 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.

Product is paintable and immediately resistant to precipitation upon application.

- 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<sup>™</sup>, polystyrene, polyethylene, polypropylene or polypropylene plastics, aquariums or refrigeration units and any items that come into contact with food, drinking water or animals.
- DO NOT dry-clean GOOP because dry cleaning solvent breaks down the cured adhesive.

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# AMAZING GOOP

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### **HEALTH and SAFETY**

This product contains perchloroethylene. Before working with this product, read and become familiar with information concerning hazards, proper use and handling.

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.