

# Technical Data Sheet



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UNITED  
STATES



3.7 fl oz carded tube  
10.2 oz cartridge

Not all styles/sizes/colors available in all areas.

# AMAZING GOOP

## MARINE ADHESIVE

### PRODUCT DESCRIPTION

Weatherproof, waterproof, and UV resistant, AMAZING GOOP MARINE has been formulated to repair, seal and stick to a wide variety of materials found in and around water. For complete UV resistance, paint over AMAZING GOOP MARINE.

### WHERE TO USE / APPLICATIONS

Use in and around marine and water for repairs to diving masks, rafts, leaks in waders, wet suits, air mattresses and much more!\*

### FEATURES AND BENEFITS

**FLEXIBLE** – does not become brittle in cold weather

**UV RESISTANT** – can be used in outdoor and marine applications; resists yellowing or cracking

**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 additional UV resistance after complete cure

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

*\*Not recommended for use on polystyrene, polyethylene, polypropylene, Styrofoam™ or paper products.*

### TECHNICAL INFORMATION

PROPERTIES	
UNCURED MATERIAL	
Color:	Clear
Solvent:	Toluene, Petroleum Distillates (flammable)
Density:	7.5 lbs/gal
Solids:	46% by weight, 43% by volume
Viscosity:	100,000 cps medium
Tack time:	~ 2 minutes
Set time:	45 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 50 to 90 °F (10 to 32 °C).
Freeze/thaw stability:	Stable, allow product to warm to room temperature before using
Shelf life:	2 years (unopened)
VOC:	480 g/L

*\*Depending on material, humidity and temperature.*

CURED MATERIAL	
Chemical resistance:	Excellent to water, dilute acids and dilute bases
Hardness:	80 Shore A
Tensile Strength:	2,000 lbs/in <sup>2</sup> (ASTM D-412)
Elongation %:	1,100% (ASTM D-412)
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
Service temperature:	Fully cured adhesive can withstand temperatures from -40 to 180 °F (-40 to 82 °C) intermittently.
UV resistance:	Yes
Paint-over time:	24 hours

# Technical Data Sheet

## CANADA



109.4 mL carded tube

## AUSTRALIA/NZ



53.2 G carded tube

271.4 G cartridge

*Not all styles/sizes/colors available in all areas.*

# AMAZING GOOP

## MARINE ADHESIVE

### ADHESION TESTING

SUBSTRATE	ADHESIVE DATA PLI & PSI	ASTM TEST #	ASTM TEST DESCRIPTION
FABRIC	30	1876	T-PEELS PLI
LEATHER	30		
VINYL	30		
CANVAS	45		
NEOPRENE	20		
RUBBER	10		
METAL	210	D1002/3163	LAP SHEAR - PSI
WOOD	200		
LAMINATE	70		
CHROME	150		
PLASTICS	80		
FIBERGLASS	100		
PVC	100	D1583	DOLLY PULL - PSI
CERAMIC	380		
CONCRETE	280		
MASONRY	110		
ASPHALT	200		
GLASS	205		

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

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 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)

# AMAZING GOOP

## MARINE ADHESIVE

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### SOLVENTS THAT DISSOLVE AMAZING GOOP MARINE

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Chevron solvent 1100  
Chlorothane NU  
Cyclohexane  
Gasoline  
Perchloroethylene  
Propyl acetate  
Toluene

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### DIRECTIONS and APPLICATION NOTES

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Read directions and test small area before use.

1. Surface should be clean, dry and free of dirt. For best results, lightly roughen surface before use.
2. Puncture seal in neck of tube using pointer cap (if tube has a foil seal). If cartridge: Trim end of nozzle. Puncture inner seal. 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.
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.
4. Allow 24 hours for curing. Depending on materials and temperature, maximum strength may not be reached for 48 to 72 hours.
5. For future easy cap removal, apply a thin coat of petroleum jelly to the threads of the tube before replacing the cap. If cartridge: For prolonged storage after opening, cover or plug the opening of the nozzle.
6. Clean uncured adhesive with acetone or citrus-based solvents. Cured material may be removed by cutting or scraping.

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### HEALTH and SAFETY

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This product contains toluene. 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](mailto:sds@eclecticproducts.com).

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

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### LIMITED WARRANTY

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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 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. The manufacturer will not accept liability for more than product replacement. 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 LLC, P.O. Box 4450, Pineville LA 71361 or call 800.767.4667. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. This warranty gives you specific legal rights, and you also have other rights, which vary from province to province.