TECHNICAL DATA SHEET

2400 Boston Street |Suite 200 | Baltimore, MD | 21224

DAP® UV Resistant Marine Adhesive Sealant

PRODUCT DESCRIPTION

DAP's® UV Resistant Marine Adhesive Sealant is a fast drying, paintable, UV resistant adhesive sealant that provides excellent permanent adhesion to a wide range of marine substrates. The marine sealant forms a 100% waterproof seal. The sealant stays flexible to withstand joint expansion and contraction caused by weather and temperature fluctuations. It will not shrink, crack or break down. This product can be applied to wet surfaces and in low temperatures. It's rain and paint ready in 30 minutes. The sealant is easy to use, has smooth gunnability, tools smoothly, is low in odor and is VOC compliant. Once cured, this product is mold and mildew resistant.

PACKAGING	COLOR	UPC
10.1 fl oz (300 mL)	Crystal Clear*	7079800771

**Superior color and clarity over traditional clears but may discolor under certain conditions.*

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KEY FEATURES & BENEFITS

- 100% weatherproof & watertight seal
- Proven wet & damp surface application
- Extreme temperature use: 0°F to 140°F
- 30-minute water & paint ready
- Joint expansion +/- 25%
- Shrink & crack proof
- Strong, multi-surface adhesion, especially to non-porous substrates
- Easy gunning, smooth tooling
- Low odor & VOC compliant
- Exterior/Interior use
- Lifetime Guarantee

SUGGESTED USES

USE FOR CAULKING AND SEALING:

- Sealing Bilges
- Stern Joints & Fillets
- Deck Fittings
- Rub Rails
- Bonding or Sealing the Hull
- Sealing Areas of Fuel Exposure
- Above & Below Waterline Applications

ADHERES TO:

- Fiberglass
- Most Plastics
- Wood
- Aluminum
- Steel
- Boat hardware

FOR BEST RESULTS

- Application temperature range is between 0ºF and 140ºF.
- Joint width should not exceed ½". If joint depth exceeds ½", use foam backer rod.
- Not recommended for continuous underwater use, high temperature surfaces or for surface defects.
- Certain porous substrates may require primer for best adhesion.
- Store below 80°F in dry place for optimal shelf life.

APPLICATION

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Surface Preparation

1. Surface must be clean, structurally sound and free of all foreign material.
2. Priming is not usually necessary; however, some circumstances or substrates may require a primer. Priming is where the sealant will be subjected to constantly high levels of moisture after cure. It is the user's responsibility to test substrate compatibility and the adhesion of the cured sealant on test joint before applying to the entire project.

Product Application

1. Cut nozzle at a 45° angle between 1/8" and 3/16" mark.
2. Completely perforate inner foil seal inside the base of the cartridge nozzle for best flow rate.
3. Load cartridge into caulk gun.
4. Fill gap with sealant. Using steady pressure, apply consistent 3/16" bead size for optimal joint protection.
5. If necessary, tool or smooth the bead of sealant with a finishing tool before the sealant skins over.
6. Allow sealant to cure for at least 30 minutes before exposing to water or paint. Sealant surface may still be tacky. Sealant reaches full cure in 24 hours.
7. Clean up excess uncured sealant from surface and tools with mineral spirits. Scrape or cut away excess cured sealant. Do not use mineral spirits or any other solvent to clean hands or skin. Wash hands or skin with soap and water.
8. Paintable in 30 minutes. Use only high-quality acrylic latex coatings. 30-minute performance achievable with 3/16" maximum diameter bead, temperature at 73°F minimum & 50% relative humidity.
9. Reseal cartridge for storage and reuse. Store below 80°F in dry place for optimal shelf life.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES	
Typical Uncured Physical Properties	
Appearance/Consistency	Gunnable, non-sag paste
Base Polymer	Advanced hybrid polymer
Filler	None
Volatile	Not applicable
Weight % Solids	>98%
Density (lbs per gallon)	8.6
Odor	Very mild
Flash Point	>212 ºF
Freeze Thaw Stability (ASTM C1183)	Will not freeze
Shelf Life	12 months
Coverage	55 linear feet at 3/16" diameter bead
Typical Application Properties	
Application Temperature Range	0ºF to 140ºF
Tooling Time (Working Time)	20 minutes

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Tack Free Time	2 hours
Full Cure	24 hours
Return to Service Time	30 minutes
Vertical Sag (ASTM D2202)	0.15”
Typical Cured Performance Properties	
Service Temperature Range	-65ºF to 190°F for continuous use, 250º with excursions
Water Ready Time	30 minutes
Paint Ready Time	30 minutes
Mold & Mildew Resistance	Cured sealant is mold & mildew resistant
Dynamic Joint Movement (ASTM C920)	+/-25%

CLEAN UP & STORAGE

Remove excess uncured sealant from surfaces and tools with mineral spirits. Excess cured sealant must be cut or scraped away. Do not use mineral spirits or any other solvent to skin. Wash skin with soap and water. Reseal cartridge for storage and reuse. Store product below 80ºF and away from moisture.

SAFETY

See product label or Safety Data Sheet (SDS) for health and safety information. You can request a SDS by visiting our website at dap.com or calling 888-DAP-TIPS.

WARRANTY

LIFETIME GUARANTEE: DAP warrants this product when used as directed within one year of purchase. Call 888-327-8477 or more common 888-DAP-TIPS, with your sales receipt and product container available for replacement product or sales price refund. DAP is not liable for incidental or consequential damages.

COMPANY IDENTIFICATION

Manufacturer: DAP Global Inc., 2400 Boston Street, Suite 200, Baltimore, Maryland 21224

Usage Information: Call 888-DAP-TIPS or visit dap.com & click on “Ask the Expert”

Order Information: 800-327-3339 or orders@dap.com

Fax Number: 410-558-1068

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Also, visit the DAP website at dap.com