



# 960 SR Sealant

## Product Data Sheet

### MARINE

#### PRODUCT DESCRIPTION

Bostik® Marine 960 SR is a fast skinning, moisture-curing sealant based upon Silyl Modified Polymer (SMP). Marine 960 SR is specifically formulated to withstand the harsh marine exposures that are encountered in “above deck” applications.

Marine 960 SR eliminates the damaging effects of UV (960 SR is non-yellowing, non-chalking, non-cracking) that boat builders and owners have come to expect during the lifetime of other conventional urethane and silicone sealants.

Unlike conventional silicone sealants, Marine 960 SR is sandable and paintable. Unlike conventional urethanes, Marine 960 SR can be tooled (before skin formation) using isopropyl alcohol — water or soapy water can also be used.

Marine 960 SR has better adhesion to porous and nonporous surfaces than silicone, but unlike urethane sealants, in applications where disassembly may occur, Marine 960 SR will NOT damage or “pull” gelcoat! This desirable feature makes 960 SR to be the sealant of choice for above deck applications, replacing and eliminating all silicone sealants—except clear color.

Unlike urethanes, 960 SR does NOT “gas-on-cure” and has tremendous temperature compatibility -40°F to 200°F (-40°C to 93°C). Virtually 100% solids (no added solvents) and isocyanate free, Bostik® 960 SR is both environmentally (CARB compliant) and user friendly.

#### TYPICAL APPLICATIONS

Marine 960 SR is targeted for permanent sealant applications (and for Service & Repair) that are typically “above deck”. It is the ideal “backfilling” sealant for porthole (window) applications, and other applications including:

- Bedding navigation, port lights
- Porthole frames (back filling)
- Deck cleats, hatches
- Rub rails, stern joints
- Door flanges, trim, trunk joints

**Marine 960 SR should NOT be used as a window glazing adhesive!**

#### TYPICAL UNCURED PROPERTIES\*

Property	Value
Work Life/Open Time .....	35 minutes
Skin Time .....	25 minutes
Curing Time @77°F/50%RH/0.125" .....	1 day
Application Temperature.....	40°F - 95°F

#### TYPICAL CURED PROPERTIES\* (AFTER 14 DAYS CURE AT 77°F AND 50% RH)

Property	Value
Hardness (Shore A) .....	35
Specific Gravity .....	1.6 g/cm³
Tensile Modulus @ 10% .....	25 psi
Tensile Modulus @ 100% .....	100 psi
Tensile Strength @ Break .....	150 psi
Tensile Shear Strength .....	125 psi (Aluminum-to-Aluminum, 0.062", speed—2-in./min.)
Elongation (to break) .....	225%

\* Values given above are not intended for specification preparation.

#### FEATURES & BENEFITS

Feature	Benefit
Organic Solvent Content .....	None
Isocyanate Content.....	None
UV/Weather Resistance .....	Excellent
Internal Gassing on Cure .....	None
Paintable.....	After Skin Formation
Sandable .....	After Full Cure
Shelf Life.....	12 months
Extruded Using .....	Manual Cartridge Gun

## **SPECIFIC ADHESION**

Marine 960 SR can be used on clean, dry, grease-free surfaces of aluminum, stainless/galvanized steel, zinc, copper, brass, glass, PVC, polyester (GRP), FRP, painted or lacquered wood.

## **CLEANUP**

Cleanup can be done with soapy water, Isopropyl Alcohol, Bostik® Hand & Tool Towels. Cured Marine 960 SR can be removed using appropriate mechanical techniques.

## **SHELF LIFE**

When stored at or below 80°F (27°C), Marine 960 SR polyurethane sealant has a shelf life of 12 months from date of manufacture.

## **IMPORTANT NOTICE**

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