



**PARR Technologies, LLC**

**Technical Data Sheet**

**PARR™ Butyl Caulk**  
 SC-0280 Neutral  
 SC-0280-773 White

**DESCRIPTION**

PARR Butyl Caulk is a durable, weather-resistant, construction grade butyl sealant for construction and industrial applications. It is a long-lasting, flexible, one-part sealant of gun consistency that is specially formulated for outdoor applications. PARR Butyl caulk sets up to a tough, flexible bead with good adhesion to a variety of substrates. It develops a tack-free protective skin to minimize dirt collection. It forms a tight seal with a 10-year life expectancy, and will withstand intermittent exposure to temperatures as high as 250°F (121°C). This product is formulated to meet Federal Specification TT-S-1657.

**PRODUCT USES**

PARR Butyl Caulk can be used for the sealing of various construction materials. Typical applications include: channel glazing, sealing lap joints and foundation angles of corrugated metal buildings, caulking perimeters of windows and doors, caulking and pointing of masonry and porcelain panels, insulating dissimilar metals to prevent galvanic attack, sealing metallic joints subject to racking and twisting, such as in truck, bus and railway car bodies, bedding of glass prior to face glazing, bedding and sealing operations in shipbuilding and marine applications. PARR Butyl Caulk can replace oil base caulks to give longer service life. Material can be painted after full cure.

**TYPICAL PHYSICAL PROPERTIES and GENERAL INFORMATION**

Property	SC-0280 Value	SC-0280-773 Value
RAW MATERIAL BASE	BUTYL RUBBER	BUTYL RUBBER
COLOR	COLORLESS	WHITE
SPECIFIC GRAVITY	1.43	1.43
WEIGHT PER GALLON	11.9 POUNDS	11.9 POUNDS
SOLIDS BY WEIGHT	85%	85%
FLASH POINT(TAG CLOSED CUP)	116° F (47° C)	116° F (47° C)
MELT FLOW INDEX TIME, TMWB077, VISCOSITY - CASTOR SEVERS	32.5 SECONDS	32.5 SECONDS
SKIN TIME	4 HOURS	4 HOURS
TACK-FREE TIME (RT/50% RH)	8 HOURS	8 HOURS
FULL CURE TIME	1 WEEK	1 WEEK
SOLVENT	MINERAL SPIRITS	MINERAL SPIRITS
VOC	189 G/L	189 G/L
PHOTOCHEMICALLY ACTIVE	NO	NO
SHELF LIFE	ONE YEAR	ONE YEAR
SERVICE TEMPERATURE	-20°F(-29°C) TO 180°F(82°C)	-20°F(-29°C) TO 180°F(82°C)
COVERAGE 1/4" BEAD	393 LINEAR FT/GAL	393 LINEAR FT/GAL
WEATHER RESISTANCE	EXCELLENT	EXCELLENT
MOISTURE RESISTANCE	EXCELLENT FOR VAPOR & INTERMITTENT WATER EXPOSURE	EXCELLENT FOR VAPOR & INTERMITTENT WATER EXPOSURE
WATER RESISTANCE	NOT RECOMMENDED FOR CONTINUOUS SUBMERSION	NOT RECOMMENDED FOR CONTINUOUS SUBMERSION
SALT SPRAY, 100 HOURS	NO EFFECT	NO EFFECT
COLOR RETENTION	EXCELLENT	EXCELLENT
CLEAN-UP SOLVENT	MINERAL SPIRITS, TOLUENE, XYLENE,	MINERAL SPIRITS, TOLUENE, XYLENE,
FORM & PACKAGING	DRUMS; 5-GAL PAILS; 10 OZ CARTRIDGES	DRUMS; 5-GAL PAILS; 10 OZ CARTRIDGES

## APPLICATION TECHNIQUES

- Surfaces should be clean, dry and free of oil and moisture. Protective lacquers, oil films or other coatings should be removed by solvent cleaning. Old caulking compounds or sealants should be thoroughly removed.
- For rectangular or triangular fillet joints: up to 3/4" in width and 1/4" to 1/2" in depth. For joints over 1/4" in width, depth should not exceed width. For Lap Joints: 1/2" to 1 1/2".
- Do not handle or move for 4 hours, until a surface film has formed.

Functions best where movement does not exceed 12.5% of joint widths.

## DISPENSING EQUIPMENT

CAULKING GUN if packaged in 10 oz. cartridges

25:1 PUMP WITH FOLLOWER PLATE if packaged in 5-gal. or 55-gal. drums.

## STORAGE & HANDLING

The shelf life of this product is 1 (one) year when stored at 60-80°F in the original sealed container. If stored below 60°F, the product should be conditioned in its unopened container at room temperature for at least 24 hours before usage.

**CAUTION:** Combustible liquid and vapor.

## PRECAUTIONS

Keep away from heat, spark and open flame. Ensure industrial ventilation systems are on and functioning properly, or use sufficient general dilution ventilation to keep vapor concentrations below recommended exposure limits. Empty container may contain product residue or vapors - do not cut, drill or weld on or near this container.

Vapors harmful. Acute overexposure to vapors may cause dizziness, headache, nausea, and unconsciousness. Prolonged overexposure to vapors may cause liver and kidney damage. Harmful if swallowed. Eye and skin irritant.

Consult Material Safety Data Sheet for further information.

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**ADEQUATE TESTS:** The information contained in this bulletin we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be made in your laboratory or plant to determine if this product meets all of your requirements.