



**PARLASTIC™ High-Performance Sealant and Adhesive**

SC-0274 Aluminum

SC-0277 Clear

SC-0282 White

**DESCRIPTION**

PARLASTIC is a one-part high-performance sealant and adhesive. It possesses rubber-like characteristics and can be compressed or extruded. It is non-staining, highly elastic and has excellent adhesion to glass, aluminum, brick and practically all building materials. It skins over quickly and is tack-free in 30 minutes. It is serviceable over a wide temperature range from -20°F to 160°F. It does not attack or adversely affect building materials such as glass, aluminum or brick. No primer is needed. It is water-resistant with moderate shrinkage. PARLASTIC is a paintable sealant with very good low temperature flexibility. PARLASTIC has been formulated to meet AAMA Specification 803.3-92 Type I for narrow joint seam sealers.

**PRODUCT USES**

PARLASTIC can be used in the construction field for interior and exterior sealing and adhesive applications, such as: Metal, wood and hardwood siding; channel glazing; porcelain panel construction; quarry tile and masonry joints on terraces and decks; sealing and bedding applications subject to racking and distortion on trailer bodies, RVs, trucks, buses and manufactured housing; bathtub caulk. PARLASTIC is a non-sag sealant for use in vertical and horizontal joints. It can be used in openings from 1/8" x 1/8" to 1/2" x 1/2".

**TYPICAL PHYSICAL PROPERTIES and GENERAL INFORMATION**

Property	SC-0274 Value	SC-0277 Value	SC-0282 Value
RAW MATERIAL BASE	SYNTHETIC RUBBER	SYNTHETIC RUBBER	SYNTHETIC RUBBER
COLOR	ALUMINUM	CLEAR, COLORLESS	WHITE
SPECIFIC GRAVITY	0.95	0.92	0.96
TENSILE STRENGTH	300 PSI	300 PSI	300 PSI
ELONGATION	500%	500%	500%
WEIGHT PER GALLON	7.7 POUNDS	8.0 POUNDS	10.1 POUNDS
SOLIDS BY WEIGHT	66%	66%	66%
FLASH POINT	40°F (4°C)	40°F (4°C)	40°F (4°C)
TACK-FREE TIME	30 MINUTES	30 MINUTES	30 MINUTES
FULL CURE TIME	24-72 HOURS	24-72 HOURS	24-72 HOURS
VISCOSITY	NA	86,000 CPS	NA
MELT FLOW INDEX TIME, TMWB077, CASTOR SEVERES	40 SECONDS	NA	40 SECONDS
SOLVENT	TOLUENE	TOLUENE	TOLUENE
VOC	254 G/L	306 G/L	321 G/L
PHOTOCHEMICALLY ACTIVE	YES	YES	YES
SHELF LIFE	ONE YEAR	ONE YEAR	ONE YEAR
SERVICE TEMPERATURE	-20°F(-29°C) TO 160°F(71°C)	-20°F(-29°C) TO 160°F(71°C)	-20°F(-29°C) TO 160°F(71°C)
FLEXIBILITY @ -20°F (-7°C) OVER 1/4" MANDREL	NO CRACKING, CHECKING OR ADHESION LOSS	NO CRACKING, CHECKING OR ADHESION LOSS	NO CRACKING, CHECKING OR ADHESION LOSS
COVERAGE 1/8" BEAD	1562 LINEAR FT/GAL	1562 LINEAR FT/GAL	1562 LINEAR FT/GAL
WATER RESISTANCE	EXCELLENT	EXCELLENT	EXCELLENT
HEAT RESISTANCE	2 HR @300°F (149°C)	2 HR @300°F (149°C)	2 HR @300°F (149°C)
100% HUMIDITY	NO EFFECT	NO EFFECT	NO EFFECT
CLEAN-UP SOLVENT	TOLUENE, XYLENE, MEK, ETHYL ACETATE, PROPYL ACETATE		
FORM & PACKAGING	DRUMS; 5-GAL PAILS; 29 OZ CARTRIDGES; 11 OZ CARTRIDGES		

## EQUIPMENT SUGGESTIONS

CAULKING GUN if packaged in cartridges.

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

## APPLICATION TECHNIQUES

1. Surfaces to be sealed should be clean, dry and free of oil and moisture. Sealant can be applied over well-cured, hard, and thoroughly secure paint film. However, soft films or those with questionable adhesion, should be removed.
2. Apply the sealant through a Plews gun or similar flow gun, or from a collapsible tube, cartridge or plastic squeeze bottle.
3. Apply a small bead. If the opening is sufficiently large, force a small amount of the sealant into the joint. Bridge small openings at least 1/8" on each side. Apply in a smooth bead and allow to level. Do not attempt to tool the surface.
4. Do not handle, move, or pack for one hour until a surface film has formed.

## STORAGE AND HANDLING

The shelf life of this product is 1 year, when stored at 60-80°F in 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 using.

**WARNING! FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE.**

## PRECAUTIONS

Vapors may ignite explosively and cause flash fire if they contact an ignition source. Vapors may settle in low-lying areas or travel long distances to an ignition source. Ensure industrial ventilation systems are on and functioning properly, or use sufficient general dilution ventilation to maintain vapor concentrations below recommended exposure limits. Keep away from heat, spark, or open flame, including pilot lights, lighters or electric switches. Disconnect all gas or electrical appliances, e.g., furnaces, heaters, power tools, until all vapors have been cleared from the area. Static charges can accumulate during shipping, unloading, pouring or conveying. Ground and bond container receiving equipment and personnel before transferring material. Do not generate static sparks (such as by walking on carpet, etc.). Keep container closed during and after use. Empty container may contain vapors - do not cut, drill, grind, 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. Absorbed through the skin. Harmful if swallowed. Eye and skin irritant.

**WARNING: This product contains toluene, a chemical known to the State of California to cause birth defects or other reproductive harm.**

NOT INTENDED FOR CONSUMER SALE OR USE. FOR INDUSTRIAL USE ONLY.  
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.