



Nitrile Rubber Base Sealants

Permanent Sealer

The Sealant Chosen by Professional Contractors



chemical-concepts.com

800.220.1966

410 Pike Road • Huntingdon Valley, PA 19006



Low VOC Formulations

Permanent Sealer™—Nitrile Rubber Base Sealant

This versatile adhesive/sealant is resistant to all climatic conditions, fungus, many acids, gasolines, jet fuel, salt and many chemicals.

Permanent Sealer was designed for applications to bond aluminum, steel, glass, wood and rigid vinyls. It fills a specific need for rain carrying systems, storm doors and replacement windows. Used on mobile homes, swimming pools, rec vehicles and boats, it also bonds all common building materials including brick, concrete, fiberglass and glass.

It forms a permanent, yet flexible bond which will withstand sub-zero readings or extremes of desert sun. It is paintable after a 24 hour cure.

Permanent Sealer™— 10.3 Oz. Cartridges

Use on openings 1/18" or larger - is self leveling.

		Pack	Wt.
PSCG	1/10 Gal. Cartridge—Aluminum	24	22
PSW	1/10 Gal. Cartridge—White	24	22
BPS	1/10 Gal. Cartridge—Brown	24	22

Permanent Sealer™ High Viscosity

The PS High Viscosity Sealer exhibits very unique non-sag properties while still providing excellent adhesion to most surfaces, good chemical resistance, and permanent flexibility, plus long term performance and durability not found in many products.

The PS High Viscosity Sealants are particularly suited for vertical and angular sealing jobs such as doors, windows, lap joints, caulking and overhead applications as well as sloping surfaces. These sealants can be used in vertical joints up to 1/2 inch in width without sagging. May be applied at temperatures as low as 32 degrees F and even under wet conditions, including standing water.

Permanent Sealer™ HV— 10.3 Oz. Cartridges

Use on openings up to 1/2"

		Pack	Wt.
PSCG-HV	1/10 Gal. Cartridge—Aluminum	24	22
PSW-HV	1/10 Gal. Cartridge—White	24	22
BPS-HV	1/10 Gal. Cartridge—Brown	24	22
CPS-HV	1/10 Gal. Cartridge—Clear	24	22

Permanent Sealer™— 4 Oz. Tubes

Tube Grade PS is a thinner viscosity sealant for small seams and will flow into the smallest openings.

		Pack	Wt.			Pack	Wt.
PC-98	4 oz.—Clear Blister Pack	6 dz.	27	PS-98T-1	4 oz.—Aluminum Bulk Pack	6 dz.	25
PC-98T-1	4 oz.—Clear Bulk Pack	6 dz.	25	PW-98	4 oz.—White Blister Pack	6 dz.	27
PS-98	4 oz.—Aluminum Blister Pack	6 dz.	27	PW-98T-1	4 oz.—White Bulk Pack	6 dz.	25
				PB-98T	4 oz.—Brown Bulk Pack	6 dz.	25

Permanent Sealer™ Physical Properties

	Tube Grade	Cartridge Grade	HV-High Viscosity
Rubber Base:	Nitrile	Nitrile	Nitrile
Solvent:	Ketone, Aromatic, Ester	Ketone, Aromatic, Ester	Ketone, Aromatic, Ester
Solids:	49%	50%	59%
Wt./Gal.:	9.0	9.0	8.7
Viscosity:	60,000 cps	170,000 cps	350,000 cps
Flash Point (TCC)	-4 Degrees F	-4 Degrees F	-4 Degrees F
D.O.T. Classification	Flammable Liquid UN1133	Flammable Liquid UN1133	Flammable Liquid UN1133
Color	Aluminum, Brown and White	Aluminum, Brown and White	Aluminum, Brown and White
Shelf Life	One Year	One Year	One Year
Adhesion—to most porous and non-porous surfaces incl. glass	Excellent	Excellent	Excellent
Clean Up	Acetone	Acetone	Acetone
Tack-Free Time (77°F/50% RH)	Less than 10 Minutes	Less than 10 Minutes	Less than 10 Minutes

Before use, review material safety data sheet for further information

Performance properties of cured sealant

Property	Standards	Tube Grade	Cartridge Grade	HV-High Viscosity
Hardness	ASTM D2240 Shore "A"	25-35	30-40	20-30
Elongation	ASTM D412	1000% Minimum	600% Minimum	100% Minimum
Chemical Resistance	ASTM D471	No effect-jet fuel, gasoline, motor oil, deicing chemicals or calcium chloride (5%) (for all three)		
Performance (Weatherometer)	ASTM D822 350 Hrs.@77°F at 50% RH	Slight Chalking on White and Brown, no effect on Aluminum (for all three)		
Salt Spray Resistance	ASTM B117 28 days @100°F 5% NaCl Sol.	No effect	No effect	No effect
Shrinkage	D1779 (6.1.4)	50%	40%	Less than 10%
Flexibility (Temp. Range)		Remains flexible from -30°F to 300°F (for all three)		
Sag or Slump	D2202-73	N/A	N/A	Passes
VOC (grms/liter)		<90	<95	<90

Permanent Sealer™ – The Ruscoe Company

Write for additional information on special uses and technical data.

Proven Professionally—Everyday

Distributed By:



**THE RUSCOE
COMPANY**

Adhesives &
Sealants

485 Kenmore Blvd., Akron, Ohio 44301
330-253-8148 Fax: 330-253-2933

website: www.ruscoe.com

e-mail: sales@ruscoe.com