

# TECHNICAL DATA SHEET



## PERMANENT SEALER NON-SAG SEALANT 965

### DESCRIPTION

Rusco Permanent Sealer 965 is a one part, elastomeric, nitrile rubber material that readily extrudes over a wide temperature range and cures to produce a tough, durable, flexible rubber seal.

Due to its excellent adhesive characteristics and good extension/compression recovery, Ruscoe 965 gives outstanding performance in vertical joints in which extreme movement occurs.

### SUGGESTED USES

Rusco Permanent Sealer 965 nitrile rubber sealant is especially effective for sealing bridge deck vertical curbs or any other area requiring a tough resilient sealant.

It can be used for any type of vertical seal and will adhere to virtually any type of substrate such as steel, aluminum, wood, glass and brick.



### FEATURES

Easy application – one part ready to use as supplied; no mixing is required; dispensed directly from container into the joint.

- No priming
- Fast drying
- Seals irregular surfaces
- Good weatherability
- Elastic
- Exceeds Federal Specification TT-S-00230C Type II, Class A, except for 3.5.5, weight loss.

### METHOD OF APPLICATION

Permanent Sealer 965 when packaged in cartridges can be applied with handheld cartridge guns, available in manual, air and rechargeable battery pack type guns. When using 5-gallon pails, a follower plate air pump is necessary. There are several manufacturers of these pumps and additional information is available by contacting The Ruscoe Company customer service.

### STORAGE AND SHELF LIFE

When stored in unopened, original containers at or below 90°F (32°C), Ruscoe Permanent Sealer 965 has a shelf life of one year from the date of shipping. Keep all containers tightly closed.

### HEALTH AND SAFETY

Health and safety data sheets available upon request at The Ruscoe Company.

### DRYING

Traffic may be resumed within 10 minutes without pick up or tracking.

### COLORS

Rusco NON-SAG 965 is available in two colors, Black and Gray

Either color is tack free within 10 minutes and allows traffic without pickup or tracking. Both colors are paintable for either traffic stripping or parking place delineations.

### LIMITATIONS

Rusco Permanent Sealer 965 was formulated for vertical applications and can be used for transverse and longitudinal joints. When used for this purpose, tooling would be necessary.

Rusco 965 can be used for constant water immersion; however, the sealant should be allowed to cure the full 28 days prior to immersion.

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### TYPICAL PROPERTIES

Color	Black, Grey
Solvent Formulation	Methyl Isobutyl Ketone
Flash Point of Solvent	60°F (15.5°C)
Drying Time – ASTM D1640	Dry to touch 2 – 3 mins
Viscosity, Brookfield, Spindle #6 @ 20 RPM	500,000 – 600,000
Pounds Per Gallon @25°C (77°F)	7.96
Shelf Life	12 Months

### PERFORMANCE PROPERTIES OF CURED SEALANT

Flow, Sag or Slump (1/4" Bead)	0.25" Max./20 Minutes
Cure Time, at 77°F (25°C), days	21 – 28
Full Adhesion, days	7
Tack Free Time at 77°F (25°C), minutes	10 minutes or less
Chemical Resistance ASTM D471	No effect by use of deicing chemical, gasoline, hydraulic brake fluid, motor oil, calcium chloride (5%) or jet fuel



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Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nr manufacturer shall be liable for any injury, loss, or damage, direct or consequential, arising out of the use of, or the inability to use the product. Before using, user shall determine the suitability of the product for their intended use and user assumes all risk and liability whatsoever in connection therewith. The foregoing many are not changed except by an agreement signed by officers of seller or manufacturer.