

PRODUCT BULLETIN HP-2



DESCRIPTION

RUSCOE PERMANENT SEALER 965 nitrile rubber non sag sealant is a one part nitrile rubber material that readily extrudes over a wide temperature range and cures to produce a durable, tough, 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.

PERMANENT SEALER 965 features:

- Easy application—one part, ready to use as supplied; no mixing is required; dispensed directly from container into the joint.
- No priming—primer not required for bonding to concrete; surface must be clean.
- Long life reliability—cured sealant remains rubbery from -60° to 300°F . (-51° to 149°C) without tearing, cracking or becoming brittle.

INFORMATION ON 965 NON SAG SEALANT

TYPE:	Nitrile Rubber.
CURE:	One part, solvent evaporation and chemical cure.
SPECIAL PROPERTIES:	Easy to use; bonds to concrete, no primer; can be tooled; full recovery from extension/compression; resealable to itself.
PRIMARY USE:	Sealing vertical joints.

- Seals irregular surfaces—can be used to seal joints where spalls have occurred. Tooling may be necessary to seal these irregularities. Tooling should be done quickly.
- Fast dry—tack free in 10 minutes.
- Good weatherability—nitrile rubber sealant is virtually unaffected by salts, oils, chemicals, grease, jet fuel, transmission fluids, gasoline, rain, snow, sunlight, ozone or temperature extremes.
- Elastic—meets the requirements of a good joint design of ± 25 percent (50 percent total) movement. This extensional compression characteristic can be repeated many times and sealant will resume its original shape without splits or cracks.

- Resilient and tough—once cured, the sealant rejects any noncompressible from entering the joint.
- Performance requirements—exceeds Federal Specification TT-S-00230C Type II, Class A, except for 3.5.5, weight loss.
- Excellent Adhesion—will adhere to concrete when dry or damp; no loss of adhesion.
- Resealable—will reseal to itself.

USES

RUSCOE PERMANENT SEALER 965 nitrile rubber sealant is especially effective for sealing bridge deck vertical curbs or any other area requiring a tough resilient sealant.

TYPICAL PRODUCT PROPERTIES (As Supplied)

Type	Nitrile Rubber
Color	Gray and Black
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

PERMANENT SEALER 965 can be used for any type of vertical seal and will adhere to virtually any type of substrate. Steel, aluminum, wood, glass, brick.

Regardless of type of application for sealant, the joint should be cleaned and free of old sealant. Some dampness is acceptable and will not deter adhesion.

LIMITATIONS

RUSCOE PERMANENT SEALER 965 nitrile rubber sealant can be used for constant water immersion; however, the sealant should be allowed to cure the full 28 days prior to immersion.

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. It is recommended that PERMANENT SEALER 983 high-way joint sealant be used for this purpose. See HP-1 for further details.

INSTALLATION

1. Clean all joints of contaminants and debris to the depth at which the sealant and backer rod are to be installed.

2. Blow out dust and loose particles from joints with oil free compressed air. Surfaces should be clean and dust free.
3. Install proper size expanded closed cell polyethylene foam backer rod in the joint.
4. Apply PERMANENT SEALER 965 in the joint. If joint is wider than 1/4", apply additional beads and "tool" smooth.

STORAGE & SHELF LIFE

When stored in original unopened container at or below 90°F(32°C), RUSCOE PERMANENT SEALER 965 nitrile rubber sealant has a shelf life of one year from date of shipment. Keep containers tightly closed.

PACKAGING

RUSCOE PERMANENT SEALER 965 nitrile sealant is supplied in 29 fl. oz. (850 ml) cartridges. RUSCOE SEALANT

965 can also be ordered in 5-gallon pails (18.9 Liters) and 50-gallon drums (189 Liters). All weights are net.

CAUTION

Avoid prolonged skin contact with RUSCOE 965 nitrile rubber sealant. May cause skin irritation.

**FLAMMABLE MIXTURE
DO NOT USE NEAR FIRE,
FLAME OR SOURCE
OF IGNITION.**

**WARNING: FLAMMABLE
HARMFUL OR FATAL IF
INHALED OR SWALLOWED**

Avoid prolonged breathing of vapor or repeated contact with skin. Use with adequate ventilation. If swallowed, do not induce vomiting. Call physician immediately. Contains Petroleum Distillates and Ketones.

FOR INDUSTRIAL USE ONLY:
BEFORE USE, REVIEW
MATERIAL SAFETY DATA SHEET
FOR FURTHER INFORMATION,
INCLUDING CHRONIC
HEALTH EFFECTS.

**KEEP OUT OF THE REACH
OF CHILDREN**



THE RUSCOE COMPANY

P.O. Box 33858
Akron Ohio 44314-0858
330/253-8148

NOTICE TO CUSTOMER

The information and data contained herein are based on information we believe reliable. You should thoroughly test on any application and independently conclude satisfactory performance

before commercialization. Suggestions of uses should not be taken as inducements to infringe any particular patent.