

ANCHOR SEAL
Product # USA1530

10/12/11

Urethane- Shore A 10-15

Features:

- Very soft & flexible
- Easily reentered for repair
- Low viscosity
- Color coded for process control

Applications:

- Sealing leaky natural gas pipes
- Gap filling
- Potting
- Electrical encapsulation

Mixing & Curing Instructions:

Mix Ratio: 26.66 Parts A to 100 Parts B by wt. **or** 2A : 7.5B by wt.

Cure Schedule: Gel Time, ¼", 35-40 minutes @ 77°F.
Gel Time, 1 hour @ 55°F.
Full Cure, 2 days @ 77°F

Properties @ 77°F, Uncured:

Pot Life, 100 gram mass, minutes (32-34 minutes @70-72°F).....	26-28
Viscosity, A:B mixed, CPS, (292 @ 72°F).....	200-250
Viscosity, Part A, CPS.....	40
Viscosity, Part B, CPS, (512 CPS @ 72°F).....	225-350
Specific Gravity, Part A.....	0.99
Specific Gravity, Part B.....	0.99
Shelf life, factory sealed cans, months.....	6
KIT SIZE AVAIL:	(GK= 1.25 Gal.) (PK= 5 Gal.) (DK= 60 Gal.)

Physical Properties @77°F, Cured:

Durometer (Hardness) Shore A.....	10-15
Specific gravity, grams/CC.....	1.00
Pounds per cubic inch.....	0.036
Color.....	transparent green
Tensile strength, PSI.....	TBD
Tensile elongation, %.....	TBD
Tear Strength, PLI.....	TPD
Temperature use range, °F, intermittent.....	-50 to 170

VISCOSITY Vs TIME: @ 72°F	CPS	Initial..... 280-290	In 4 minutes..... 345
		In 9 minutes..... 592	In 19 minutes..... 1,300
		In 24 minutes.....3,960	In 29 minutes..... 11,600
		In 34 minutes.....Gel	

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IMPORTANT INFORMATION: READ BEFORE USING PRODUCT

Directions for Use: Although unlikely, *this product could crystallize* in its shipping container if stored at cool temperatures. If it appears hard, or has a granular consistency, or if it is normally clear but appears cloudy, warm it thoroughly at 100-120°F to reconstitute. Allow it to cool back to room temperature before using.

Measuring: Carefully weigh Part A and Part B components with an accurate scale. If measuring volumetrically, use precise metering pumps, graduated/pre-marked containers or pre-measured kits. Place the correct proportions of Part A and Part B into a straight-sided container. **Note:** Altering the mix ratio from what is specified on the data sheet is not recommended. Cured properties could be adversely affected.

Mixing: Mix thoroughly with a flat-ended metal stick or a slow speed drill press with a dispersion blade. Scrape the sides and bottom occasionally to assure a thorough blend. Do not whip excessive air into the mixture. To guard against partially cured sections, never apply material *scraped* from the sides of the original mixing container. For best results, transfer the mixture into a second container and stir it again before application. This will help insure consistent properties and maximum performance.

De-airing: Low viscosity resins will de-air naturally on their own. Some applications require a totally air-free product. If a vacuum pump and chamber are used, evacuate the material for 5 minutes @ 29 inches of mercury. Allow sufficient space above the liquid for expansion, about four times the liquid volume. Resins slightly warmed are thinner and will de-air faster. Also, the use of an anti-foam or air-out additive will lower the surface tension and hasten air release. **Caution:** Warming a catalyzed mixture will shorten the pot life and decrease gel time.

Storage: Liquid urethane is sensitive to moisture absorption. After opening, blanket the contents with dry nitrogen before re-sealing the container. Use the smallest container the liquid will fit into. Improper storage could result in bubbles forming in the storage containers or in the cured product.

Handling Cautions: Review the Material Safety Data Sheet before using this product.

Warning: For Industrial Use Only. All chemicals must be handled with care. Avoid breathing fumes, mists and dust, they could cause respiratory discomfort or damage. Work in a well-ventilated area. Avoid all contact with the skin. If contact occurs, wash affected area thoroughly with soap and water. Repeated skin contact may cause dermatitis in susceptible individuals. Wear protective clothing and gloves. Severe irritation will result if this product is splashed into the eyes. Always wear eye protection. If eye contact occurs, flood eyes with clear water for 15 minutes and immediately seek medical attention. Maintain good industrial hygiene when using this product.

Notice To Buyer: All information contained herein is believed to be accurate. However, it is the responsibility of the end user to determine the suitability of this product in his particular application. As the use of this product by others is beyond our control no warranty whether expressed or implied is made by Anchor-Seal, Inc. or any of its representatives as to this product's merchantability or fitness for a particular purpose. Under no circumstances shall Anchor-Seal, Inc. be liable for incidental, consequential or other damages for any reason. The sole liability of Anchor-Seal, Inc. shall be to refund the purchase price or replace materials deemed to be defective by us.