



SP-82 A/B

80 SHORE A

SPRAY APPLIED POLYURETHANE

PRODUCT DESCRIPTION:

SP-82 A/B is a two-component flexible polyurethane designed to provide excellent physical properties as a spray applied elastomer.

PHYSICAL PROPERTIES:

Hardness, Shore A, ASTM D-2240.....	80 ± 2
Density (g/cc), cured ASTM D-792.....	1.06
Color/Appearance.....	Slight amber
Tensile Strength, (psi), ASTM D-412.....	2,100
Elongation (%), ASTM D-412.....	600
Tear Strength, (pli) ASTM D-624.....	225

* Properties established are based on 1/8" cast panel with a post cure at 150° F (66° C) for 16 hours.

HANDLING PROPERTIES:

Mix Ratio (by weight):	
Part A.....	100 parts by weight
Part B.....	94 parts by weight
Mix Ratio (by volume):	
Part A.....	100 parts by volume
Part B.....	100 parts by volume
Viscosity, (cps) @ 77° F (25° C)	
Part A.....	1700
Part B.....	1500
Specific Gravity:	
Part A.....	1.12
Part B.....	1.05
Color:	
Part A.....	Clear yellow
Part B.....	Clear amber
Gel Time @ 77° F (25°C) (100g mass).....	40-45 seconds
Tack Free Time (sprayed).....	5-10 minutes

STORAGE:

Store in a cool dry place. Unopened containers will have a shelf life of 6 months when properly stored at room temperatures. Purge opened containers with dry nitrogen before re-sealing. Electric band heaters for material feed containers may be required during cold weather periods.

PACKAGING:

5 Gallon kits.....40 lbs. A, 37.6 lbs. B
Drum kits.....400 lbs. A, 376 lbs. B

SAFETY PRECAUTIONS:

Use in a well-ventilated area. Avoid contact with skin using protective gloves and protective clothing. Repeated or prolonged contact on the skin may cause an allergic reaction. Eye protection is extremely important. Always use approved safety glasses or goggles when handling this product.

IF CONTACT OCCURS:

Skin: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. It is *not* recommended to remove resin from skin with solvents. Solvents only increase contact and dry skin. Seek qualified medical attention if allergic reactions occur.

Eyes: Immediately flush with water for at least 15 minutes. Call a physician.

Ingestion: If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

Refer to the Material Safety Data Sheet before using this product.