

## URS 4495

100% SOLIDS, 1 TO 1 BY VOLUME, QUICK SET ELASTOMERIC URETHANE SPRAY SYSTEM

95 SHORE A

### DESCRIPTION

**URS 4495** is a low viscosity, polyether based elastomeric spray system with good durability and excellent chemical resistance at a 1 to 1 by volume mix ratio. **URS4495** is recommended for applications where flexibility, rigidity and abrasion resistance in a quick set spray system using low pressure equipment are of consideration, such as chute liners, truck beds, hopper bins, Styrofoam coating etc,

### FEATURES

100% Solids  
High Abrasion Resistance  
Excellent Tensile Strength  
1 to 1 By Volume  
No MOCA  
Quick Setting  
Good Rigidity

### LIQUID

#### PROPERTIES

#### ISO 701A

#### POL\_9000B

#### MIXED

Appearance	Clear Liquid	Clear Liquid	Lt. Amber Liquid
Viscosity (cps)	200-500 (77F)	300-600 (77 F)	250-550 (77F)
Density (lbs/gal)	9.40-9.60	8.40-8.60	8.90-9.10

### PHYSICAL PROPERTIES

Hardness, Shore A	95
Modulus, psi, 100%	1240
Tensile Strength, Ultimate, psi	4060
Elongation, %	360
Tear Strength PLI	440
Compression Set, Method B	17

## **URS 4495 Cont:**

### **PROCESSING PARAMETERS**

Melt and process ISO 701A and POL 9000B at 80 to 140 degrees (F) if frozen.

Surface Temperature: 65 to 110 degrees F.

Mix Ratio: 1 part ISO 701A to 1 part POL 9000B by volume or 100 parts ISO 701A to 91 parts POL 9000B by weight.

Pot life: Instant Set

Service Time at 70-90 deg. F.	50%	Physicals when cool
	80%	6 Hours
	100%	48 Hours

### **STORAGE**

Systems should be stored unopened in air tight containers at 60-90 degrees F. Partially emptied containers should be swept free of atmospheric moisture with dry nitrogen before sealing.

### **HANDLING PRECAUTIONS**

For complete and updated health and safety information, read the MATERIAL SAFETY DATA SHEETS. Do not handle or use until the MATERIAL SAFETY DATA SHEET has been read and understood.