



**TECHNICAL DATA SHEET**  
**Product Name: Containment Poly**

Product Description:

Containment Poly is a high strength, chemical resistant, puncture and abrasion resistant polyurea liner for industrial solids or liquid containment. This material is normally applied to clean concrete basins, textile land fabrics and masonry type structural surfaces. It may also be used as a protective sealant skin for structural steel, metal and wooden poles, concrete and steel decks, etc. It is naturally non-conductive but may be formulated with graphite to create an electrical grounding blanket. Containment Poly is certified to be used in potable water containment for drinking water.

Material Property Values and Application Requirements Table

Property	*Values relative to density	Test Method
Tensile Strength	3458 psi	ASTM D412
Impact	>350 in. lbs	ASTM D2794
Tear Strength	>450 lb/ lin. in.	ASTM D624
Abrasion Resistance	22 mg loss /1000 cycles	ASTM D4060 (CS-17)
Hardness	Shore 45-60D	ASTM D785
Elongation %	>400%	ASTM D412
Application machine: 1500-1800 psi 2-component pumping machine (i.e Graco EXP2), primary heat and hose heat 65°C- 80°C, round pattern spray tip 0.020 mil. <b>**Make 1 pass for desired thickness**</b>		
Mixing Ratio 1A:1B pbv, Power Mix Stir B-Side thoroughly for 10 minutes prior to use until uniform color and viscosity.		
Surface Preparation: clean and dry, no residual cleaner or other contaminates, approved surface type, primer if required, installation ambient temp. 12°C- 36°C , <60% ambient humidity, surface temp. -15°C- 37°C.		
Tack Free Gel Time = 10 sec. This material may be top-coated using ProCoat 3000™.		
Functional operation temperature: -40°C- 65°C., Zero VOC.		
Coverage: 0.016 mils per 100 sqft. Wet Spray build to desired thickness.		
See SDS for material safety data. Must wear eye goggles, respiratory protection, gloves, etc.		
KEEP MATERIAL FROM FREEZING, moisture-free temperature controlled storage 12°C- 32°C, 12 month shelf life if never opened. After opening reseal with Nitrogen blanket.		
Packaging: Tote set 550 gal (4900 lbs), 100 gal Drum set (900 lbs), 10 gal Pail set (90 lbs)		

Please contact our Engineering and/or Technical Support Groups with any questions.

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