



Product Data Sheet

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UB-7050

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CENTAFLEX UB-7050 LIQUID URETHANE BASE COAT

DESCRIPTION: Gacoflex UB-7050 Liquid Urethane Rubber is a low viscosity, fast curing 100% solids two-component elastomer.

USAGE: Intended for use as a fast curing economical base coat over PolyFoam.

APPLIED PRODUCT DATA

TENSILE:	ASTM D-412 Strength Elongation:	2900 psi \pm 100 psi (20 \pm .69 MPa) 190% \pm 10%
HARDNESS:	ASTM D-2240	85 \pm 3 Shore A
TEAR RESISTANCE:	ASTM D-624 Die C Lb / in	350 \pm 5 pli (62.6 \pm 1 kg/cm)
WATER ABSORPTION:	ASTM D-471 7 days, R.T.	2.5% Maximum
WATER VAPOR PERMEABILITY:	ASTM E-96 Procedure BW 100% R.H. Difference @ 23°C	0.02 Perm Inches (.51 mm)
CHEMICAL RESISTANCE:	Good hydrolytic stability to 180°F (82°C). Excellent resistance to salts and hydrocarbon solvents. Fair resistance to oxygenated and chlorinated solvents. Good alkali and acid resistance.	
ADHESION:	Adheres well to urethane foam and Gaco Western primers. UB-7050 can be recoated when set to the touch, or as much as 48 hours may be allowed between coats, provided the surface is clean and dry.	
WEATHERABILITY:	Not designed for exposure to weather without a top coat. Excellent durability when top coated.	

PACKAGED PRODUCT DATA

COVERAGE:	Sq. Ft./Gal./Mil: 1600 (39.3 m ² / L / .025 mm)
SOLIDS:	Weight: 100% Volume: 100%
V.O.C.:	NONE
FLASH POINT:	No flash to 250°F (1210°C).
STORAGE STABILITY:	Part A: One year at 75°F to 95°F (24°C to 35°C). Part B: Six months at 75°F to 95°F (24°C to 35°C).
CLEANUP:	Spray equipment may be cleaned with T-5112 thinner. See Gaco Western SG-U-Plural Component Spray Instructions for further information.
TOXICITY:	Part B contains polymeric diisocyanate, which is toxic if heated in a confined area or inhaled as particulate matter. An air supply respirator is required for spray applications and containers of Part B should not be heated above 120°F (49°C). However, heating of either component to 140°F (60°C) is acceptable when using plural component spray equipment. See Gaco Western Instructions GW-1, Section 1A and the Material Safety Data Sheet for additional safety and storage information.
THINNING:	Do not thin.
CURE:	Coating will set in 30 seconds when applied to an insulating surface. Complete cure can take several hours depending on the ambient temperature.
RECOAT:	Can be recoated when dry to the touch, or as much as 48 hours between coats, provided the surface is clean and dry.

APPLICATION

Stirring may be required to ensure uniformity of the material, particularly if products have been stored at temperatures outside of the recommended range. (See storage stability information above.)

WARNING - UB-7050 components cannot be cross-mixed with other urethane coating materials.

Apply with plural component airless equipment. See Gaco Western SG-URETHANES Spray Instructions for typical equipment recommendations. Material must be maintained above 110°F (43°C) but under 140°F (60°C) during application. Apply multiple coats at up to 30 mils (.8 mm) per coat, allowing material to set to touch before applying additional material. For application at temperatures below 50°F (10°C), consult a Gaco Western representative for additional application instructions.