

Gaco Western

S I N C E 1 9 5 5

Product Data Sheet:

GacoFlex U-5677

June 2015

Supersedes 5/12

GACOFLEX[®] U5677 POLYURETHANE SEALER

DESCRIPTION:	GacoFlex U5677 is a single component moisture cured polyurethane.
USAGE:	Intended for use as a sealer to be applied directly to concrete, wood, aluminum and epoxy primer. It is also suitable for use as a tie coat over weathered polymeric application of Gaco coating systems.
CONSISTENCY:	30 to 50 cps.
COLOR:	Transparent amber-brown.

APPLIED PRODUCT DATA

HARDNESS:	Forms a tough, resilient, abrasion-resistant film.
WATER VAPOR PERMEABILITY:	Cures to form a solvent vapor resistant film. Water vapor permeability is approximately 0.03 Perm Inches.
WEATHERABILITY:	Poor. Do not expose to strong sunlight for more than two weeks.
CHEMICAL RESISTANCE:	Good solvent, acid, alkali and salt resistance. Does not have inhibitive properties.
VOC.:	<10 g/L

PACKAGED PRODUCT DATA

COVERAGE:	400 sq. ft. per gallon per mil ($37.2 \text{ m}^2 / \text{L} / .02 \text{ mm}$). Coverage on rough or porous surfaces may be as low as 100 sq. ft. per gallon ($9.3 \text{ m}^2 / \text{L} / .02 \text{ mm}$) and on smooth surfaces up to 400 sq. ft. per gallon ($37.2 \text{ m}^2 / \text{L} / .02 \text{ mm}$).
SOLIDS:	Weight: 22.6% Volume: 29.5%
FLASH POINT:	N/A
FLAMMABILITY:	The dry film will support combustion unless applied to a non-flammable substrate. Fire rated systems (ASTM E-108 or UL 790) are not affected when specified amount of coatings are applied over GacoFlex U5677.
STORAGE STABILITY:	One year in original unopened containers. Material may gel if not kept tightly sealed or if exposed to moisture. Normally, containers should be used up on a job or within one week after originally opened.



- TOXICITY:** Contains perchloroethylene which requires ventilation during application. Contains less than 2% polymeric isocyanate which may be irritating to the skin and is toxic if inhaled as particulate matter. Any material contacting the skin should be neutralized by washing with generous quantities of water. Spray application can lead to inhalation of particulate matter and solvents; consequently, a respirator is required for spray application.
- ADHESION:** Excellent adhesion to metals, wood, concrete, masonry and most coating and plastic materials.
- CLEANER:** Clean equipment with GacoFlex T5130 thinner and cleaner.

APPLICATION

Apply a uniform wet coat using a medium nap roller. Do not puddle. GacoFlex U5677 can be sprayed using conventional equipment but the applicator must take precautions against inhalation of particulate matter. Use of a proper respirator is necessary. Do not heat GacoFlex U5677 before or during spray application.

Allow GacoFlex U5677 to dry 4 hours minimum but no more than 8 hours maximum prior to applying additional coats. All applications of U5677 are to be top coated with either E5320 or other GacoFlex UV-stable coatings prior to sunset the same day. High-humidity areas accelerate the rate of cure of U5677 and can cause poor intercoat adhesion if left without a top coat. After 24 hours intercoat adhesion can be poor.

For specific Safety and Health information please refer to Safety Data Sheet.

