

TECHNICAL DATA SHEET

G-Cure® 601P75

An acrylic polyol (Setalux 27-0601)

General description:

G-Cure 601P75 acrylic resin is a high solids hydroxyl-functional acrylic resin designed to produce low VOC, high performance coatings. At room temperature, G-Cure 601P75 crosslinks readily with aliphatic polyisocyanates to produce coatings with excellent durability and chemical resistance. The Biuret-type of HDI is recommended for best gloss and curing (see below for recommendations and reaction ratios).

Technical features:

1. Excellent durability
2. Excellent chemical resistance

Suggested uses:

1. Interior and exterior applications requiring a high level of chemical resistance

Delivery form: 75.0% non-volatile in PM acetate (propylene glycol monomethyl ether acetate)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	75.0 ± 2.0	%	1 – 1
Viscosity, Brookfield (77°F)	3,000 – 10,000	cps	2 – 2
Hydroxyl value (on n.v.)	260 – 280		6 – 1
Color	100 maximum	APHA	3 – 2
Appearance	clean, clear and free from extraneous matter: may turn opaque when stored below 30°F: if this occurs, warm above 40°F until clear		7 – 1

*SDM: Nuplex Resins methods of determination (available on request)

HEW on n.v.: 204
 Density: 9.00 ± 0.10 lbs./gal. Non-volatiles, by vol.: 72.2%
 Flash point: 114 °F Setaflash

On DSL Inventory

For best gloss and cure properties the Biuret-type of HDI is recommended.

Recommended Crosslinkers and Reaction Ratios:

272 gm G-Cure 601P75 / 201 gm Tolonate HDB, Desmodur N-100, Desmodur N-3200
 272 gm G-Cure 601P75 / 267 gm Tolonate HDB-75BX, Desmodur N-75

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