



TECHNICAL DATA SHEET

G-Cure® 105P70

An acrylic polyol (17-0105)

General description:

G-Cure 105P70 acrylic resin is designed for high build, higher volume solids acrylic urethane topcoats and primers. It will react at room temperature with aliphatic polyisocyanates to give excellent application properties. Formulations can be designed for high gloss, lower solvent industrial maintenance coatings.

Technical features:

1. High build and excellent application properties
2. Possible lower VOC values

Suggested uses:

1. Industrial maintenance
2. Automotive refinish and fleet finish
3. OEM topcoats, transportation and electronic housings
4. Higher solids topcoats for metal, plastics, and wood

Delivery form: 70.0% non-volatile in PM Acetate (Propylene Glycol Monomethyl Ether Acetate)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	70.0 ± 1.5	%	1 – 1
Viscosity, Brookfield (77°F)	10000 – 14000	cps	2 – 2
Hydroxyl value (on n.v.)	94 – 112		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.: 570
Density: 9.10 ± 0.10lbs./gal.
Flash point: 114 °F Setaflash
Non-volatiles, by vol.: 66.0%

On DSL Inventory

Recommended Reaction Ratios: 815 gm G-Cure 105P70/ 191 gm Tolonate HDT (Rhodia)
815 gm G-Cure 105P70/ 194 gm Desmodur N-3300 (Bayer)

Updated: June, 2008

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