



TECHNICAL DATA SHEET

G-Cure® 116A70 An acrylic polyol (17-0116)

General description:

G-Cure 116A70 acrylic resin is a hydroxyl functional acrylic copolymer designed to produce low VOC, low cost coatings with good performance. Coatings with an application VOC of 2.8 – 3.2 lbs/gal can be produced. At room temperature, G-Cure 116A70 will readily crosslink with aliphatic polyisocyanates.

Technical features:

1. Economical
2. Good durability and hardness
3. 2.8 – 3.2lbs/gal VOC coatings

Suggested uses:

1. Light-duty maintenance and industrial coatings

Delivery form: 70.0% non-volatile in Methyl n-Amyl Ketone

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	70.0 ± 1.5	%	1 – 1
Viscosity, Brookfield (77°F)	1000 – 4000	cps	2 – 2
Hydroxyl value (on n.v.)	70 – 90		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.: 700
Density: 8.60 ± 0.10lbs./gal. Non-volatiles, by vol.: 62.1%
Flash point: 101 °F Setaflash

On DSL Inventory

Recommended Reaction Ratios: 1000 gm G-Cure 116A70/ 191 gm Tolonate HDT_(Rhodia)
1000 gm G-Cure 116A70/ 194 gm Desmodur N-3300 (Bayer)

Updated: June, 2009

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