



## TECHNICAL DATA SHEET

### G-Cure® 108A70

An acrylic polyol (17-0108)

#### General description:

G-Cure 108A70 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. Pigmented coatings can be formulated to VOCs as low as 2.7 lbs/gal. Coatings produced from G-Cure 108A70 exhibit superior gloss retention and yellowing resistance as well as excellent chemical and impact resistance.

#### Technical features:

1. Superior gloss retention and yellowing resistance
2. Excellent chemical and impact resistance
3. 2.7 lbs/gal VOC coatings

#### Suggested uses:

1. Automotive refinish and fleet finish
2. OEM topcoats, transportation and electronic housings

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

#### Typical properties:

| Property                     | Value  | Units | Method * |
|------------------------------|--|-------|----------|
| Non-volatile, by weight      | 70.0 ± 2.0   | %     | 1 – 1    |
| Viscosity, Brookfield (77°F) | 3500 – 5500  | cps   | 2 – 2    |
| Hydroxyl value (on n.v.)     | 97 – 112   |       | 6 – 1    |
| Color                        | 100 maximum  | APHA  | 3 – 2    |
| Appearance                   | clean, clear and free from extraneous matter;<br>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.: 535  
Density: 8.60 ± 0.10lbs./gal. Non-volatiles, by vol.: 62.0%  
Flash point: 101 °F Setaflash

*On DSL Inventory*

**Recommended Reaction Ratios:** 765 gm G-Cure 108A70/ 191 gm Tolonate HDT(Rhodia)  
765 gm G-Cure 108A70/ 194 gm Desmodur N-3300 (Bayer)

**Updated:** June, 2008

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