



## TECHNICAL DATA SHEET

### G-Cure® 836PT60

An acrylic polyol (17-0836)

#### General description:

G-Cure 836PT60 acrylic resin is a hydroxyl functional acrylic copolymer designed to react at room temperature with aliphatic polyisocyanates to produce high performance coatings. Coatings formulated with G-Cure 836PT60 exhibit outstanding durability, chemical resistance and color retention. Coatings produced with G-Cure 836PT60 are suitable for metal, wood and plastic, particularly when heat sensitivity is a concern.

#### Technical features:

1. Excellent chemical resistance and color retention
2. Highly weatherable, durable and flexible

#### Suggested uses:

1. Automotive refinish
2. Construction machinery, recreational and furniture coatings
3. Industrial maintenance coatings

**Delivery form:** 60.0% non-volatile in PM acetate/ toluene (65/ 35 pbw)

#### Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	60.0 ± 1.0	%	1 – 1
Viscosity, Brookfield (77°F)	2000 – 4000	cps	2 – 2
Hydroxyl value (on n.v.)	80 – 95		6 – 1
Color	60 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.: 625  
Density: 8.70 ± 0.10lbs./gal. Non-volatiles, by vol.: 55.0%  
Flash point: 45°F Setaflash

*On DSL Inventory*

**Recommended Reaction Ratios:** 1042 gm G-Cure 836PT60/ 255 gm Tolonate HD75BX(Rhodia)  
1042 gm G-Cure 836PT60/ 255 gm Desmodur N-75 (Bayer)

**Updated:** June, 2008

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