



TECHNICAL DATA SHEET

G-Cure® 806BL60

An acrylic polyol (17-0806)

General description:

G-Cure 806BL60 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 806BL60 exhibit outstanding durability, chemical resistance and color retention. Coatings produced with G-Cure 806BL60 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 n-butyl acetate

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	61.0 ± 1.0	%	1 – 1
Viscosity, Brookfield (77°F)	2000 – 4000	cps	2 – 2
Hydroxyl value (on n.v.)	85 – 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: 8.50 ± 0.10lbs./gal. Non-volatiles, by vol.: 55.0%
Flash point: 81 °F Setaflash

On DSL Inventory

Recommended Reaction Ratios: 1042 gm G-Cure 806BL60/ 255 gm Tolonate HD75BX(Rhodia)
1042 gm G-Cure 806BL60/ 255 gm Desmodur N-75 (Bayer)

Updated: June, 2008

All information, recommendations and suggestions, concerning the product and its use, are believed to be reliable. However, Nuplex Resins gives no assurance as to the accuracy, completeness, or adequacy for a particular purpose. It is the user's responsibility to determine the suitability for its own use of the products. No guarantee (whether expressed or implied) is made by Nuplex Resins as to the results to be obtained from using the described products, nor shall Nuplex Resins be liable for any use by others of the described products. Users are responsible for ensuring compliance with local legislation and obtaining the necessary certifications and authorizations. All orders are subject to the general conditions of sale of Nuplex Resins, which are printed overleaf and/or can be downloaded from www.nuplexresins.com. All of user's general terms and conditions are herewith deemed rejected. Nuplex Resins owns all copyrights and other intellectual property rights in the contents of this document. Reproduction or redistribution in any form is not allowed.