



TECHNICAL DATA SHEET

G-Cure® 196BL80

An acrylic polyol (27-0196)

General description:

G-Cure 196BL80 acrylic resin is a hydroxyl functional acrylic copolymer designed to produce low VOC, high solids coatings with good performance. Coatings with an application VOC of 2.1 – 2.8lbs/gal can be produced. At room temperature, G-Cure 196BL80 will readily crosslink with aliphatic polyisocyanates.

Technical features:

1. Economical formulations
2. Good performance
3. 2.1 – 2.8lbs/gal VOC coatings

Suggested uses:

1. Light-duty maintenance and industrial coatings

Delivery form: 80.0% non-volatile in n-butyl acetate

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	80.0 ± 2.0	%	1 – 1
Viscosity, Brookfield (77°F)	9000 – 12000	cps	2 – 2
Hydroxyl value (on n.v.)	60 – 80		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.: 800
Density: 8.70 ± 0.10lbs./gal. Non-volatiles, by vol.: 76.0%
Flash point: 81°F Setaflash

On DSL Inventory

Recommended Reaction Ratios: 1000 gm G-Cure 196BL80/ 191 gm Tolonate HDT(Rhodia)
1000 gm G-Cure 196BL80/ 194 gm Desmodur N-3300 (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.