



TECHNICAL DATA SHEET

PRELIMINARY

G-Cure® 569O50 An acrylic polyol (17-0569)

General description:

G-Cure 569O50 acrylic resin is a VOC exempt hydroxyl functional acrylic resin designed to react at room temperature with aliphatic polyisocyanates to produce high performance coatings. Coatings formulated with G-Cure 569O50 have fast lacquer-like dry, but provide long potlife due to controlled reactivity. The cured films exhibit excellent durability and good chemical resistance. This performance is achieved even though low levels of polyisocyanates need to be used.

Technical features:

1. VOC/ HAPs free
2. Low NCO demand
3. Excellent durability and good solvent resistance
4. Fast dry with long potlife

Suggested uses:

1. High quality furniture finishes
2. Fleet refinishing applications
3. Recreational equipment coatings

Delivery form: 50.0% non-volatile in PCBTF/ methyl acetate (85/ 15 pbw)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	50.0 ± 1.0	%	1 – 1
Viscosity, Gardner	Z4 – Z6	G-H	2 – 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)

Reduced viscosity @ 40%NV in methyl acetate: H – K
Density: 8.40 ± 0.10lbs./gal.
Flash point: 81°F Setaflash
HEW on n.v.: 1085
Non-volatiles, by vol.: 42.3%

On DSL Inventory

Updated: January, 2011

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.