



## TECHNICAL DATA SHEET

### G-CURE 144A70 An acrylic polyol (17-1444)

#### General description:

G-CURE 144A70 is an acrylic polyol, with 4.2% OH, that when combined with appropriate aliphatic polyisocyanates, provides excellent application and appearance properties and good properties of DOI, adhesion and outdoor durability. G-CURE 144A70 also possesses an excellent combination of hardness and flexibility.

#### Technical features:

1. Excellent application properties and DOI
2. Superior exterior durability and gloss retention
3. Excellent chemical and abrasion resistance
4. Excellent hardness and flexibility

#### Suggested uses:

1. Topcoats for Industrial Maintenance applications
2. Topcoats for General Industrial
3. Topcoats for ACE applications

**Delivery form:** 70% non-volatile in methyl n-amyl ketone

#### Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	70.0 ± 1.0	%	1 – 1
Viscosity (77°F)	Z1 – Z3	Gardner – Holdt	2 – 1
Acid value (on n.v.)	14 – 18	mg KOH/g	5 – 1
Color	150 maximum	APHA	3 – 2
Appearance	clean, clear and free from extraneous matter		7 – 1

\* SDM: Nuplex Resins methods of determination (available on request)

Density: 8.50 ± 0.10 lbs./gal      HEW on n.v.: 400  
Flash Point: 102°F Setaflash  
Non-volatiles, by vol.: 62.6%

*On the DSL Inventory*

**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](http://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.