



TECHNICAL DATA SHEET

G-Cure® 114A80

An acrylic polyol (27-0114)

General description:

G-Cure 114A80 acrylic resin is a hydroxyl functional acrylic copolymer designed to produce low VOC, low cost coatings with good performance. Coatings with an application VOC of 2.8 – 3.2 lbs/gal can be produced. At room temperature, G-Cure 114A80 will readily crosslink with aliphatic polyisocyanates.

Technical features:

1. Economical formulations
2. Good performance
3. 2.8 – 3.2lbs/gal VOC coatings

Suggested uses:

1. Light-duty maintenance and industrial coatings

Delivery form: 80.0% non-volatile in Methyl n-Amyl Ketone

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	80.0 ± 2.0	%	1 – 1
Viscosity, Brookfield (77°F)	3000 – 6000	cps	2 – 2
Hydroxyl value (on n.v.)	60 – 75		6 – 1
Color	200 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: 8.50 ± 0.10lbs./gal. Non-volatiles, by vol.: 75.0%
Flash point: 101 °F Setaflash

On DSL Inventory

Recommended Reaction Ratios: 1000 gm G-Cure 114A80/ 191 gm Tolonate HDT (Rhodia)
1000 gm G-Cure 114A80/ 194 gm Desmodur N-3300 (Bayer)

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