TECHNICAL DATA SHEET

G-Cure® 868PWF60

An acrylic polyol (17-0868)

General description:

G-Cure 868PWF60 acrylic resin is a hydroxyl functional acrylic resin designed to react at room temperature with aliphatic polyisocyanates to produce high performance flexible coatings. Coatings formulated with G-Cure 868PWF60 exhibit excellent durability, chemical resistance and color retention. G-Cure 868PWF60 is designed for use on flexible or semi-rigid substrates or as a flexibilizer for other polyols that need to maintain excellent durability and chemical resistance.

Technical features:

1. Excellent chemical resistance and color retention
2. Excellent durability, flexibility, and toughness
3. Suitable for various substrates

Suggested uses:

1. Transportation and recreational finishes
2. Flexibilizer for other polyols

Delivery form: 60.0% non-volatile in PM acetate/ ethylbenzene/ solvent 90 (55/ 25/ 20 pbw)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	60.0 ± 2.0	%	1 – 1
Viscosity, Brookfield (77°F)	4500 – 6500	cps	2 – 2
Hydroxyl value (on n.v.)	65 – 80		6 – 1
Color	100 maximum	APHA	3 – 2
Appearance	clean, clear and free from extraneous matter; may turn opaque when stored below 30ºF: if this occurs, warm above 40ºF until clear		7 – 1

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

HEW on n.v.:	795		
Density:	8.50 ± 0.10lbs./gal.	Non-volatiles, by vol.:	55.0%
Flash point:	59°F Setaflash		

On DSL Inventory

Recommended Reaction Ratios: 1325 gm G-Cure 868PWF60/ 255 gm Tolonate 75BX(Rhodia)
1325 gm G-Cure 868PWF60/ 255 gm Desmodur N-75 (Bayer)

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