



TECHNICAL DATA SHEET

TSAX 14-057

An acrylic polyol (27-0057)

General description:

TSAX 14-057 is a hydroxyl functional acrylic copolymer designed to produce low VOC high performance coatings. Pigmented coatings with an application VOC of 2.8 lbs/gal can be produced. At room temperature, TSAX 14-057 will readily crosslink with aliphatic polyisocyanates. TSAX 14-057 has excellent pigment wetting and high crosslink density.

Technical features:

1. Excellent performance
2. 2.8 lbs/gal VOC coatings
3. Excellent pigment wetting

Suggested uses:

1. Industrial maintenance coatings

Delivery form: 79.0% non-volatile in xylene

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	79.0 ± 2.0	%	1 – 1
Viscosity, Brookfield (77°F)	2000 – 5000	cps	2 – 2
Hydroxyl value (on n.v.)	120 – 140		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.: 435
Density: 8.70 ± 0.10lbs./gal. Non-volatiles, by vol.: 69.0%
Flash point: 81 °F Setaflash

On DSL Inventory

Recommended Reaction Ratios: 540 gm TSAX 14-057/ 191 gm Tolonate HDT_(Rhodia)
540 gm TSAX 14-057/ 194 gm Desmodur N-3300 (Bayer)

Updated: June, 2008

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