



TECHNICAL DATA SHEET

TSAX 13-501

An acrylic polyol (27-0501)

General description:

TSAX 13-501 is a hydroxyl functional acrylic copolymer designed to produce low VOC, high solids, high performance coatings. At room temperature, TSAX 13-501 will readily crosslink with aliphatic polyisocyanates to produce coatings with excellent durability, chemical and water resistance, direct and reverse impact resistance and color/ gloss retention.

Technical features:

1. Excellent chemical and water resistance
2. Excellent direct and reverse impact resistance
3. Excellent color/ gloss retention and durability

Suggested uses:

1. Interior and exterior applications
2. High performance maintenance and transportation coatings

Delivery form: 80.0% non-volatile in n-butyl acetate

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	80.0 ± 2.0	%	1 – 1
Viscosity, Brookfield (77°F)	3000 – 7000	cps	2 – 2
Hydroxyl value (on n.v.)	130 – 150		6 – 1
Color	150 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.: 400
Density: 8.60 ± 0.10lbs./gal. Non-volatiles, by vol.: 77.0%
Flash point: 81 °F Setaflash

Not on DSL Inventory

Recommended Reaction Ratios: 500 gm TSAX 13-501/ 191 gm Tolonate HDT_(Rhodia)
500 gm TSAX 13-501/ 194 gm Desmodur N-3300 (Bayer)

Updated: June, 2008

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