



TECHNICAL DATA SHEET

TSAX 14-313

An acrylic polyol (17-0313)

General description:

TSAX 14-313 acrylic resin is a **fast-dry** hydroxyl functional acrylic copolymer designed to produce high performance coatings. It will react at room temperature with aliphatic polyisocyanates to give coatings formulated that exhibit excellent weathering resistance with very good gloss retention characteristics.

Technical features:

1. Fast dry
2. Excellent weathering resistance
3. Very good gloss retention

Suggested uses:

1. Heavy-duty maintenance and industrial coatings

Delivery form: 65.0% non-volatile in n-butyl acetate

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	65.0 ± 2.0	%	1 – 1
Viscosity, Brookfield (77°F)	15000 – 19000	cps	2 – 2
Hydroxyl value (on n.v.)	80 – 95		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.: 638
Density: 8.67 ± 0.10lbs./gal. Non-volatiles, by vol.: 58.8%
Flash point: 81 °F Setaflash
Non-volatiles, by vol.: 58.8%

On DSL Inventory

Recommended Reaction Ratios: 980 gm TSAX 14-313/ 191 gm Tolonate HDT (Rhodia)
980 gm TSAX 14-313/ 194 gm Desmodur N-3300 (Bayer)

Updated: June, 2008

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