



TECHNICAL DATA SHEET

TSAX 13-916

An acrylic polyol (17-0391)

General description:

TSAX 13-916 is a hydroxyl functional acrylic copolymer designed to produce low cost coatings with good performance. At room temperature, TSAX 13-916 will readily crosslink with aliphatic polyisocyanates. The cured films exhibit good durability and chemical resistance. This performance is achieved even though low levels of polyisocyanates need to be used.

Technical features:

1. Good performance
2. Low NCO demand
3. Economical

Suggested uses:

1. Light-duty industrial maintenance coatings

Delivery form: 70.0% non-volatile in xylene

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	70.0 ± 2.0	%	1 – 1
Viscosity, Brookfield (77°F)	1000 – 3000	cps	2 – 2
Hydroxyl value (on n.v.)	50 – 68		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.: 950
Density: 8.40 ± 0.10lbs./gal. Non-volatiles, by vol.: 65.0%
Flash point: 81 °F Setaflash

On DSL Inventory

Recommended Reaction Ratios: 1358 gm TSAX 13-916/ 191 gm Tolonate HDT(Rhodia)
1358gm TSAX 13-916/ 194 gm Desmodur N-3300 (Bayer)

Updated: September, 2009

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