



## TECHNICAL DATA SHEET

### TSAX 13-955

An acrylic polyol (27-0395)

#### General description:

TSAX 13-955 acrylic resin is a hydroxyl functional acrylic copolymer designed to produce low VOC, high solids, high performance coatings. Its main attributes are long pot life while providing fast set characteristics. At room temperature, TSAX 13-955 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. Long potlife
2. Excellent chemical and water resistance
3. Excellent direct and reverse impact resistance
4. Excellent color/ gloss retention and durability

#### Suggested uses:

1. Interior and exterior applications

**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                        | 80 maximum   | APHA  | 3 – 2    |
| Appearance                   | clean, clear and free from extraneous matter:<br>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.: 76.6%  
Flash point: 81 °F Setaflash

*On DSL Inventory*

**Recommended Reaction Ratios:** 500 gm TSAX 13-955/ 191 gm Tolonate HDT (Rhodia)  
500 gm TSAX 13-955/ 194 gm Desmodur N-3300 (Bayer)

**Updated:** June, 2008

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