



## TECHNICAL DATA SHEET

### Setalux 27-1550 A hydroxyl-functional acrylic polyol

#### General description:

Setalux 27-1550 is a hydroxyl-functional acrylic oligomer for 2K high solids industrial air dry, force dry and bake applications. Coatings formulated with Setalux 27-1550 exhibit excellent overall performance properties. Key properties include high solids, low VOC formulation potential, excellent flow and leveling, good flexibility and early water resistance.

#### Technical features:

1. Ability to formulate low VOC coatings (2.3 – 2.8 lbs/ gal or less)
2. Excellent flow, DOI and overall appearance properties
3. Very good exterior durability and gloss retention
4. Very good early water resistance

#### Suggested uses:

1. Topcoats and single coat enamels for Industrial applications
2. Maintenance and Marine coatings
3. Coatings for metal and plastics
4. Modifier for both acrylic and polyester urethane and melamine cross-linked systems

**Delivery form:** 80% non-volatile in methyl n-amyl ketone

#### Typical properties:

Property	Value	Units	Method *
Non-volatiles, by weight	80 ± 1.0	%	1 – 1
Viscosity (73°F)	Y – Z1	Gardner-Holdt	2 – 1
Color	40 maximum	APHA	3 – 2
Acid value (on solids)	4 maximum	mg KOH/g	5 – 1
Appearance	clean, clear and free from extraneous matter		7 – 1

\* SDM: Nuplex methods of determination (available on request)

Density: 8.57 ± 0.10 lbs./gal  
Reduced viscosity: K – O @ 70% in MAK  
Non-volatiles, by vol.: 75.0%

HEW on n.v.: 400  
Flashpoint: 102°F Setaf flash

*On DSL Inventory*

**Updated:** June, 2012

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