

An acrylic polyol with 1.8 % OH (calculated on non-volatiles).

SOLVENT COMPOSITION

Xylene / butyl acetate (89 / 11)

SPECIFICATIONS

Non-Volatiles: ISO 3251, <i>STM 001G</i>	54 - 56 %
Viscosity (23 °C at 50 s⁻¹): ISO 3219, <i>STM 012J</i>	(at 54%) 0.59 - 1.3 Pa.s
Viscosity (23 °C at 50 s⁻¹): ISO 3219, <i>STM 012J</i>	(at 55%) 0.72 - 1.6 Pa.s
Viscosity (23 °C at 50 s⁻¹): ISO 3219, <i>STM 012J</i>	(at 56%) 0.90 - 2.0 Pa.s
Acid value (as such): ISO 3682, <i>STM 303A</i>	1.6 - 3.4 mg KOH/g
Colour APHA (Lico): ISO 6271, <i>STM 008F</i>	Max. 50 APHA
Appearance: <i>STM 017A</i>	clear, free of extraneous matter

TYPICAL PROPERTIES

Density: DIN 53217	0.98 kg/dm ³
Flash point: ISO 1523	29 °C

REMARKS

STM: allnex method of determination (available on request).

STM 001G: spreading agent is xylene.

TECHNICAL FEATURES

In combination with aliphatic polyisocyanates: excellent adhesion on metals such as aluminium, steel, zinc plated steel, stainless steel, excellent mechanical properties, good outdoor durability and quick drying.

APPLICATION

- Industrial lacquers with excellent elasticity and adhesion on difficult substrates.
- Lacquers with good adhesion on a number of plastic substrates.

STORAGE CONDITIONS

Keep container tightly closed and dry in a cool, well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition.

SHELF LIFE

Standard shelf life is 720 days from the date of manufacturing, but may be extended based upon retesting by allnex Quality Control.

COMPATIBILITY

% SETALUX 1182 SS-55	90	75	50	25	10
% of other material	10	25	50	75	90
<i>Acrylic polyols</i>					
SETALUX 1151 XX-51	+	-	-	+	+
SETALUX 1152 XX-51	+	-	-	+	+
SETALUX 1186 SS-60	+	+	+	+	+
<i>Short oil alkyd</i>					
SETAL 84 XX-70	+	-	-	-	-
Other materials					
Desmodur N 75	+	-	-		
Desmodur L 75	+	+	+		
Desmodur HL	-	-	-		
Desmodur IL	-	-	-		
CAB 551-0.01	-	-	+		
Ucar vinyl resin VAGH	-	-	-		
Ucar vinyl resin VROH	-	-	-		
Nitrocellulose 1/2 s	-	-	-		

DILUTABILITY

Aliphatics	white spirit	not dilutable
Aromatics	xylene	dilutable
Esters	ethyl acetate	dilutable
	butyl acetate	dilutable
Ketones	acetone	dilutable
Alcohols	ethanol	not dilutable
	butanol	partly dilutable

Suitable mixing proportions (calculated on non-volatiles) are marked +.
Combinations in the proportions marked - are not recommended.

Suppliers

Desmodur	Covestro
CAB	Eastman
Ucar	DowDupont
Nitrocellulose	Hagedorn