

An acrylic polyol with 4.2 % OH (calculated on non-volatiles).

SOLVENT COMPOSITION

Xylene / butyl acetate (54 / 46)

SPECIFICATIONS

Non-Volatiles: ISO 3251, <i>STM 001G</i>	64 - 66 %
Viscosity (23 °C at 100 s⁻¹): ISO 3219, <i>STM 012J</i>	(at 64%) 1.8 - 3.2 Pa.s
Viscosity (23 °C at 100 s⁻¹): ISO 3219, <i>STM 012J</i>	(at 65%) 2.5 - 4.4 Pa.s
Viscosity (23 °C at 100 s⁻¹): ISO 3219, <i>STM 012J</i>	(at 66%) 3.4 - 6.0 Pa.s
Acid value (as such): ISO 3682, <i>STM 303A</i>	8.3 - 11.2 mg KOH/g
Colour APHA (Lico): ISO 6271, <i>STM 008F</i>	Max. 50 APHA
Appearance: <i>STM 017A</i>	clear and clean

TYPICAL PROPERTIES

Density: DIN 53217	1.02 kg/dm ³
Flash point: ISO 1523	27 °C

REMARKS

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

STM 001G: spreading agent is xylene. Use a paper clip to spread out.

TECHNICAL FEATURES

In combination with aliphatic polyisocyanates: fast drying, high build and gloss, excellent mechanical properties and chemical resistance, practically no yellowing under UV-light, high solids content at application viscosity.

APPLICATION

- Varnishes, clearcoats and solid colour systems for car repair (cars, trains and tram units etc.).
- Industrial topcoats (big rolling stock).

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 1753 XS-65	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	+	+	+	+	+
<i>Other materials</i>					
Desmodur N 75	+	+	+		
Desmodur L 75	+	+	+		
Desmodur N 3390	+	+	+		
Desmodur HL	-	-	-		
Desmodur IL	-	-	-		
Tolonate HDB 75	+	+	+		
Tolonate HDT 90	+	+	+		
CAB 551-0.01	-	-	-		
CAB 531-1	-	-	-		
Ucar vinyl resin VAGH	+	+	+		
Ucar vinyl resin VROH	+	+	+		
Nitrocellulose 1/2 s	+	+	+		

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

Suppliers

Desmodur	Covestro
Tolonate	Vencorex
CAB	Eastman
Ucar	DowDupont
Nitrocellulose	Hagedorn

Dilutability

Aliphatics	white spirit	not dilutable
Aromatics	xylene	partly dilutable
	Solvesso 100	partly dilutable
Esters	ethyl acetate	dilutable
	butyl acetate	dilutable
Ketones	acetone	dilutable
Alcohols	ethanol	dilutable
	butanol	dilutable