

An acrylic polyol with 4.4 % OH (calculated on non-volatiles).

SOLVENT COMPOSITION

Xylene

SPECIFICATIONS

Non-Volatiles: ISO 3251, <i>STM 001G</i>	50 - 52 %
Viscosity (23 °C at 100 s⁻¹): ISO 3219, <i>STM 012J</i>	(at 50%) 0.54 - 1.1 Pa.s
Viscosity (23 °C at 100 s⁻¹): ISO 3219, <i>STM 012J</i>	(at 51%) 0.65 - 1.3 Pa.s
Viscosity (23 °C at 100 s⁻¹): ISO 3219, <i>STM 012J</i>	(at 52%) 0.77 - 1.5 Pa.s
Acid value (as such): ISO 3682, <i>STM 303A</i>	3.0 - 5.2 mg KOH/g
Colour APHA (Lico): ISO 6271, <i>STM 008F</i>	Max. 60 APHA
Appearance: <i>STM 017A</i>	clear, free of extraneous matter

TYPICAL PROPERTIES

Density: DIN 53217	0.99 kg/dm ³
Flash point: ISO 1523	25 °C

REMARKS

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

STM 001G: spreading agent is xylene.

TECHNICAL FEATURES

In combination with aliphatic polyisocyanates: excellent hardness, very good exterior durability, excellent mechanical properties, easy application facilities especially in airless-spray equipment and also under severe humidity conditions and low temperatures.

APPLICATION

- Enamels for road and rail transport.
- Industrial repair systems for train and tram units.
- Marine paints.
- Pre-fab buildings.

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 1151 XX-51	90	75	50	25	10
% of other material	10	25	50	75	90
<i>Acrylic polyols</i>					
SETALUX 1152 XX-51	+	+	+	+	+
SETALUX 1154 SS-51	+	+	+	+	+
SETALUX 1182 SS-55	+	+	-	-	+
SETALUX 1184 SS-51	+	+	+	+	+
SETALUX 1186 SS-60	+	+	+	+	+
SETALUX 1187 XX-60	+	+	+	+	+
SETALUX 1193 SS-51	+	+	+	+	+
SETALUX 1753 XS-65	+	+	+	+	+
<i>Short oil alkyds</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	+	+	-		
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
Esters	ethyl acetate	dilutable
	butyl acetate	dilutable
Ketones	acetone	dilutable
Alcohols	ethanol	dilutable
	butanol	dilutable