

A slightly branched polyester polyol with 4.3 % OH (calculated on non-volatiles).

SOLVENT COMPOSITION

Butyl acetate / xylene (90 / 10)

SPECIFICATIONS

Non-Volatiles: ISO 3251, <i>STM 001G</i>	78 - 80 %
Viscosity (23 °C at 100 s⁻¹): ISO 3219, <i>STM 012J</i>	(at 78%) 1.3 - 2.5 Pa.s
Viscosity (23 °C at 100 s⁻¹): ISO 3219, <i>STM 012J</i>	(at 79%) 1.6 - 3.0 Pa.s
Viscosity (23 °C at 100 s⁻¹): ISO 3219, <i>STM 012J</i>	(at 80%) 1.9 - 3.5 Pa.s
Acid value (as such): ISO 3682, <i>STM 303A</i>	Max. 1.7 mg KOH/g
Hydroxyl value (DIE): <i>STM 044D</i>	130 - 160 mg KOH/g
Colour APHA (Lico): ISO 6271, <i>STM 008F</i>	Max. 150 APHA
Appearance: <i>STM 017A</i>	clear, free of extraneous matter

TYPICAL PROPERTIES

Density: DIN 53217	1.10 kg/dm ³
Flash point: ISO 1523	33 °C

REMARKS

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

STM 001G: spreading agent is xylene.

TECHNICAL FEATURES

In combination with aliphatic polyisocyanates: very flexible lacquers, even at low temperatures, and good outdoor durability.

APPLICATION

Very flexible industrial topcoats for flexible substrates (e.g. bumpers) exhibiting good outdoor durability.

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 545 days from the date of manufacturing, but may be extended based upon retesting by allnex Quality Control.

COMPATIBILITY

% SETAL 168 SS-80	90	75	50	25	10
% of other material	10	25	50	75	90
<i>Alkyd resins</i>					
SETAL 84 XX-70	+	+	+	+	+
SETAL 118 XX-60	-	-	-	-	+
<i>Polyester polyols</i>					
SETAL 166 SS-80	+	+	+	+	+
SETAL 169 SS-67	+	-	-	+	+
<i>Acrylic polyols</i>					
SETALUX 1151 XX-51	+	-	+	+	+
SETALUX 1152 XX-51	+	-	+	+	+
SETALUX 1184 SS-51	-	-	-	-	+
SETALUX 1186 SS-60	-	-	-	+	+
SETALUX 1187 XX-60	-	-	-	-	-
<i>Other materials</i>					
Desmodur N 75	+	+	+		
Desmodur L 75	+	+	+		
Desmodur N 3390	+	+	+		
Tolonate HDB 75	+	+	+		
CAB 551-0.01	-	-	+		
Ucar vinyl resin VAGH	+	+	+		
Ucar vinyl resin VROH	+	+	+		

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

DILUTABILITY

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