

A polyester polyol resin with 5.4 % OH (calculated on non-volatiles).

SOLVENT COMPOSITION

Butyl acetate

SPECIFICATIONS

Non-Volatiles: ISO 3251, <i>STM 001G</i>	75 - 77 %
Viscosity (23 °C at 100 s⁻¹): ISO 3219, <i>STM 012J</i>	4.0 - 8.0 Pa.s
Acid value (as such): ISO 3682, <i>STM 303A</i>	13.0 - 18.0 mg KOH/g
Colour APHA (Lico): ISO 6271, <i>STM 008F</i>	max. 150 APHA
Appearance: <i>STM 017A</i>	Clear and clean

TYPICAL PROPERTIES

Density: DIN 53217	1.08 kg/dm ³
Flash point: ISO 1523	34 °C

REMARKS

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

STM 001G: spreading agent is xylene.

TECHNICAL FEATURES

SETAL 1603 BA-78 provides VOC compliant coatings (400 g/l) with high build and gloss, very good outdoor durability, good mechanical properties and good chemical resistance (in combination with aliphatic polyisocyanates).

APPLICATION

- Two component clearcoats and solid colour topcoats for vehicle refinish.
- Co-binder for combination with acrylic resins for two component systems with reduced VOC.

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 1603 BA-78	90	75	50	25	10
% of other material	10	25	50	75	90
<i>Alkyd resin</i>					
SETAL 84 XX-70	+	-	-	-	+
<i>Saturated polyesters</i>					
SETAL 173 VS-60	-	-	-	-	-
SETAL 1715 VX-74	+	+	+	+	+
<i>Acrylic polyols</i>					
SETALUX 1151 XX-51	+	+	+	+	+
SETALUX 1152 XX-51	-	-	+	+	+
SETALUX 1184 SS-51	+	+	+	+	+
SETALUX 1186 SS-60	+	-	-	+	+
SETALUX 1190 SS-61	+	+	+	+	+
SETALUX 1192 SS-60	+	+	+	+	+
SETALUX 1198 SS-70	-	-	+	+	+
SETALUX 1208 XS-55	-	-	+	+	+
SETALUX 1753 SS-70	-	-	+	+	+
SETALUX 1901 SS-75	+	+	+	+	+
SETALUX 1903 BA-75	+	+	+	+	+
SETALUX 1905 BA-74	+	+	+	+	+
SETALUX 1906 BA-7	+	+	+	+	+
SETALUX 1907 BA-7	+	+	+	+	+
SETALUX 1908 BA-75	+	+	+	+	+
<i>Other materials</i>					
Desmodur L-75	-	+	-		
Desmodur N 3600	+	+	+		
Tolonate HDB-75	+	+	+		
Tolonate HDT-90	+	+	+		
Tolonate HDT LV	-	+	+		
Vestanat T-1890 E	-	+	+		
Ucar vinyl resin VAGH	+	+	-		
Ucar vinyl resin VROH	+	+	+		
Epikote 1001	+	+	-		
Nitrocellulose ½ s	+	+	+		
CAB 551-0.2	+	-	-		

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

Suppliers

Desmodur	Covestro
Tolonate	Vencorex
Vestanat	Evonik
Ucar	DowDupont
Epikote	Hexion
Nitrocellulose	Hagedorn
CAB	Eastman

DILUTABILITY

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