

A saturated polyester resin with 4.4 % OH (calculated on non-volatiles).

SOLVENT COMPOSITION

Solvent naphtha / xylene (75 / 25)

SPECIFICATIONS

Non-Volatiles: 71 - 73 %

ISO 3251, STM 001G

Viscosity (23 °C at 100 s⁻¹): 4.0 - 6.8 Pa.s

ISO 3219, STM 012J

Acid value (as such): 6.5 - 9.8 mg KOH/g

ISO 3682, STM 303A

Colour APHA (Lico): Max. 50 APHA

ISO 6271, STM 008F

Appearance: clear, free of extraneous matter

STM 017A

TYPICAL PROPERTIES

Density: 1.05 kg/dm³

DIN 53217

Flash point: 44 °C

ISO 1523

REMARKS

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

STM 001G: spreading agent is xylene.

TECHNICAL FEATURES

Extremely good outdoor durability, no loss of gloss and no yellowing in QUV, high solids content at spraying viscosity. Good mechanical properties and chemical resistance, suitable for combination with amino resins and polyisocyanates.

APPLICATION

- In combination with amino resins: one pack automotive solid colour topcoats and clearcoats.
- In combination with polyisocyanates like Tolonate HDT or Desmodur N 3390 : two component automotive (OEM) clearcoats and solid colour topcoats.

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 1715 VX-74	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>Saturated polyesters</i>					
SETAL 173 VS-60	+	+	+	+	+
<i>Acrylic polyols</i>					
SETALUX 1151 XX-51	+	+	+	+	+
SETALUX 1152 XX-51	+	+	+	+	+
SETALUX 1154 SS-51	+	+	+	+	+
SETALUX 1156 XS-60	+	+	+	+	+
SETALUX 1184 SS-51	+	+	+	+	+
SETALUX 1186 SS-60	+	+	+	+	+
SETALUX 1187 XX-60	+	+	+	+	+
SETALUX 1190 SS-61	+	+	+	+	+
SETALUX 1753 SS-70	+	+	+	+	+
SETALUX 1753 XS-65	+	+	+	+	+
SETALUX 1901 SS-75	+	+	+	+	+
<i>Melamine resins</i>					
CYMEL 301	+	+	+		
SETAMINE US-132 BX-62	+	+	+		
SETAMINE US-134 BB-57	+	+	+		
SETAMINE US-136 BB-57	+	+	+		
SETAMINE US-138 BB-70	+	+	+		
<i>Other materials</i>					
CAB 381-2	-	+	+		
CAB 551-0.01	+	+	+		
CAB 551-0.2	+	+	+		
Epikote 1001	+	+	+		
Ucar vinyl resin VAGH	+	+	+		

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

DILUTABILITY

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

Suppliers

CAB	Eastman
Epikote	Hexion
Ucar	DowDupont