

A non-drying, short oil alkyd based on synthetic fatty acid.

SOLVENT COMPOSITION

Xylene

COMPOSITION

Oil content	28 %
Oil type	synthetic fatty acids
Phthalic anhydride content	45 %

SPECIFICATIONS

Non-Volatiles: ISO 3251, <i>STM 001G</i>	68 - 70 %
Viscosity (23 °C, 100 s⁻¹): ISO 3219, <i>STM 012J</i>	4.1 - 6.1 Pa.s
Acid value (as such): ISO 3682, <i>STM 303A</i>	4.1 - 8.6 mg KOH/g
Colour GARDNER (Lico): ISO 4630, <i>STM 008E</i>	Max. 2.0 Gardner
Appearance: <i>STM 017A</i>	Clear and Clean

TYPICAL PROPERTIES

Density: DIN 53217	1.07 kg/dm ³
Flash point: ISO 1523	23 °C

REMARKS

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

STM 001G: spreading agent is xylene.

TECHNICAL FEATURES

Very good durability, excellent colour and gloss retention , high body.

APPLICATION

- Stoving enamels, car body enamels, enamels for domestic appliances, laboratory equipment, electric apparatus etc.
- Clear and pigmented acid curing finishes.
- Clear and pigmented nitrocellulose lacquers.
- Clear and pigmented polyurethane lacquers.
- Roller coatings for high stoving temperatures (120 - 160 °C), especially overprint varnishes.
- Coil coatings.

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 84 XX-70	90	75	50	25	10
% of other material	10	25	50	75	90
<i>Alkyd resins</i>					
SETAL 118 XX-60	+	+	+	+	+
SETAL 142 XX-60	+	+	+	+	+
SETAL 209 XX-60	+	+	+	+	+
<i>Saturated polyester</i>					
SETAL 173 VS-60	+	+	+	+	+
<i>Melamine resins</i>					
CYMEL 300	+	+	+		
CYMEL 301	+	+	+		
SETAMINE US-132 BB-71	+	+	+		
SETAMINE US-134 BB-57	+	+	+		
SETAMINE US-136 BB-57	+	+	+		
SETAMINE US-138 BB-70	+	+	+		
<i>Other materials</i>					
Ucar vinyl resin VAGH	+	+	+		
Epikote 1001	+	-	-		
Desmodur N 75	+	+	+		
Desmodur L 75	+	+	+		
Desmodur HL	+	+	+		
Nitrocellulose 1/2 s	+	+	+		
Nitrocellulose 1/4 s	+	+	+		

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

Suppliers

Ucar	DowDupont
Epikote	Hexion
Desmodur	Covestro
Nitrocellulose	Hagedorn

DILUTABILITY

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