

TYPE

An air drying short oil alkyd resin based on soya bean oil fatty acids.

SOLVENT COMPOSITION

Xylene

COMPOSITION (ON NON-VOLATILES)

Alcohol type	Trimethylol propane
Oil content	30 %
Oil type	soya bean oil fatty acids
Phthalic anhydride content	33 %

SPECIFICATIONS

Non-Volatiles: 59 - 61 %

ISO 3251, *STM 001G*

Viscosity (23 °C at 100 s⁻¹): 2.7 - 4.7 Pa.s

ISO 3219, *STM 012J*

Acid value (as such): 4.7 - 7.4 mg KOH/g

ISO 3682, *STM 303A*

Colour GARDNER (Lico): max. 5.0 Gardner

ISO 4630, *STM 008E*

Appearance: clear, free of extraneous matter

STM 017A

TYPICAL PROPERTIES

Density: 1.02 kg/dm³

DIN 53217

Flash point: 26 °C

ISO 1523

REMARKS

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

STM 001G: spreading agent is xylene.

TECHNICAL FEATURES

Very fast drying, good elasticity and yellowing resistance (also at elevated temperature), good adhesion on steel.

APPLICATION

- Fast drying industrial topcoats.
- Fast drying corrosion resistant primers.
- General purpose stoving enamels.

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.

For products still in allnex possession allnex may extend the expiration date of a batch upon re-testing by QC.

COMPATIBILITY

% SETAL 142 XX-60	90	75	50	25	10
% of other material	10	25	50	75	90
<i>Alkyd resin</i>					
SETAL 84 XX-70	+	+	+	+	+
SETAL 118 XX-60	+	+	+	+	+
<i>Saturated polyesters</i>					
SETAL 173 VS-60	+	-	-	-	-
<i>Melamine resins</i>					
SETAMINE US-132 BB-71	+	+	+		
SETAMINE US-136 BB-57	+	+	+		
SETAMINE US-138 BB-70	+	+	+		
<i>Other materials</i>					
Ucar vinyl resin VAGH	+	+	+		
Ucar vinyl resin VYLH	-	-	-		
Epikote 1001	-	-	-		
Nitrocellulose ½ s	+	+	+		
Laroflex MP 25	+	+	+		
Laroflex MP 35	+	+	+		
Laroflex MP 45	+	+	+		
Mowital B 30 H	-	-	-		
Pergut S 20	+	+	+		

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

Suppliers

Ucar vinyl resin	DowDupont
Epikote	Hexion
Nitrocellulose 1/2 s	Hagedorn
Laroflex	BASF
Mowital	Mowital
Pergut	Covestro

DILUTABILITY

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