

an air-drying long oil alkyd resin based on soya bean oil

SOLVENT COMPOSITION

White spirit

COMPOSITION (ON NON-VOLATILES)

Oil type	soya bean oil
Oil content	64%
Phthalic anhydride content	25%
Alcohol type	pentaerythritol

SPECIFICATIONS

Non-Volatiles: ISO 3251, <i>STM 001G</i>	69 - 71 %
Acid value (as such): ISO 3682, <i>STM 303A</i>	Max. 7.9 mg KOH/g
Viscosity (23 °C, 100 s-1): ISO 3219, <i>STM 012J</i>	6.5 - 9.0 Pa.s
Colour GARDNER (Lico) (max): ISO 4630, <i>STM 008E</i>	6 Gardner
Appearance: <i>STM 017A</i>	Clear, free of extraneous matter

TYPICAL PROPERTIES

Density: DIN 53217	0.96 kg/dm ³
Flash point: ISO 1523	40 °C

REMARKS

STM: Allnex method of determination (available on request)

TECHNICAL FEATURES

Good colour fastness, brushability, body and flow, good durability.

APPLICATION

- Architectural paints: finished on wood and metal, for interior and exterior use; do-it-yourself paints; semi-gloss finishes
- Alkyd resin varnishes
- Wall paints
- Boat and yacht coatings
- Structural steel paints
- Marine paints.

STORAGE CONDITIONS

Storage should be under cover, out of direct sunlight and avoiding extreme temperature changes.
Under normal storage conditions (5 – 35°C, away from extremes) sealed, unopened containers of this material would have a shelf life of 12 months from the date of manufacture. If it is stored for longer than 12 months, it is recommended that the product is rechecked for suitability in the intended application.

COMPATIBILITY

% Setal 286 WS-70	90	75	50	25	10
% of other material	10	25	50	75	90
<i>Alkyd resins</i>					
Setal 16 HV WS-70	+				+
Setal 270 WS-70	+				+
Setal 270 HV WS-70	+				+
Setal 270 EHV WS-60 (P)	+				+
Setal 270 EHV WS-70 (P)	+				+
Setal 270 SM-70	+				+
Setal 360	+				+
Setal 191 WX-55	+				+
Setal 195 WS-60	+				+
Setal 234 HV WS-60	-				+
Setal 234 TT-70	-				+

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

DILUTABILITY

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