

a styrene and acrylic modified alkyd resin based on dehydrated castor oil

SOLVENT COMPOSITION

Solvent naphtha 150 / xylene

COMPOSITION (ON NON-VOLATILES)

Type of resin	acrylic modified copolymer
Type of oil	dehydrated castor oil
Oil length	40 %

SPECIFICATIONS

Non-Volatiles:	59 - 61 %
ISO 3251, <i>STM 001G</i>	
Acid value (on solid resin):	17.0 - 30.0 mgKOH/g
DIN 53402, <i>STM 041A</i>	
Viscosity:	7.5 - 11 (20 deg C) Pa.s
ISO 3219, <i>STM 012J</i>	
Colour GARDNER (Lico):	Max. 4 Gardner
ISO 4630, <i>STM 008E</i>	
Appearance:	Clear, free of extraneous matter
<i>STM 017A</i>	

TYPICAL PROPERTIES

Density:	1.00 kg/dm ³
DIN 53217	
Flash point:	60 °C
ISO 1523	

REMARKS

STM: Allnex method of determination (available on request)

TECHNICAL FEATURES

It had good colour stability and good through drying. Generally compatible with melamine formaldehyde resin but should be checked for type and volume additions.

APPLICATION

Tires 2780 are recommended to be used in general metal coating. Also can be used as copolymer alkyd in can coating application.

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 24 months from the date of manufacture. If it is stored for longer than 24 months, it is recommended that the product is rechecked for suitability in the intended application.

COMPATIBILITY

% TIRES 2780	90 75 50 25 10
% of other material	10 25 50 75 90
<i>Alkyd resins</i>	
SETAL 4 XX-60	- - - - -
SETAL 201 WS-60	- - - - -
SETAL 142 VV-55	- - - - +
<i>Amino resins</i>	
SETAMINE US-8 BX-50	+ + + + +
SETAMINE US-8 BB-60	+ - - - -
SETAMINE US-11 BX-68	+ + + + +
SETAMINE US-119 BB-65	- - + - -
SETAMINE US-134 BB-57	+ + + + +
SETAMINE US-138 BB-70	+ + + + +
SETAMINE US-231 BX-62	- - - - -

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
	toluene	dilutable
Esters	ethyl acetate	dilutable
	butyl acetate	dilutable
Ketones	acetone	dilutable
Alcohols	ethanol	not dilutable
	butanol	not dilutable