TRIPKO CONSULTING LTD

FORMS OF SUPPLY
LAUROKYD® A-386: 60% in xylene

LAUROKYD A-386

TYPE AND USE

LAUROKYD A-386 is a non – drying, short oil alkyd, based on castor oil and selected fatty acids.

LAUROKYD A-386 is suitable for use in combination with isocyanates for the production of 2P polyurethane primers, varnishes and finishes.

LAUROKYD A-386 can be used as a plasticizer for acid curing paints and varnishes, as well as nitrocellulose primers, fillers, putties and lacquers.

Due to its relatively high acid value, care should be taken regarding compatibility with basic pigments (e.g. iron oxides).

PRINCIPAL PROPERTIES

High impact and weather resistance, high surface hardness.

Excellent adhesion, combined with high flexibility, perfectly balanced with hardness.

Very high gloss and gloss retention.

COMPOSITION

Type of oil:	Castor Oil and selected fatty acids
Oil length:	approx. 30%
Phthalic anhydride:	approx. 40%
Type of polyol:	mixed

SOLUBILITY

White spirit:	insoluble
Aromatic hydrocarbons:	complete
Esters, ketones:	complete
Alcohols:	insoluble

TECHNICAL CHARACTERISTICS

Non-volatile content (ELOT EN ISO 3251)	60% ± 2%
Viscosity, 40% in xylene *DIN CUP 4, 20°C (DIN 53211)*	25 - 50 s
Acid value (ELOT EN ISO 3682 on n.v.)	15 - 22
Colour,50% nv *Gardner colour scale (ELOT EN ISO 4630)*	max. 6

(determined by calculation and also measured in the laboratory but not continuously):

Hydroxyl Number (ELOT EN ISO 4629, on NV)	165 - 185
OH – content % (on NV)	5,0 – 5,5%

OTHER CHARACTERISTICS (informative)

Flash point	approx. 25°C

LAUROKYD A-386 en
Version 2.0