



CRESTAKYD[®] 30-9502

High Solids, air drying short oil alkyd

INTRODUCTION

CRESTAKYD 30-9502 is a short oil, high solids, chain-stopped alkyd based upon linoleic-rich fatty acids, supplied in a 3:2 w/w blend of xylene:methoxy propanol.

The high solids allow this product to be formulated in VOC compliant topcoats (<420g/l) and DTM primers, both displaying excellent salt spray resistance.

CHARACTERISTICS

(Not to be taken as a specification)

Solids content	%	75 ± 1
Oil type		Linoleic rich
Oil as fatty acid	%	35
Solvent (w/w xylene:methoxy propanol)		3 : 2
Acid Value (base resin)	mg KOH g ⁻¹	10
Colour PRS		1.5
Viscosity (25°C) (PRS bubble tube)	mPa s	2250
Thinback viscosity (PRS @ 65% NVC 3:2 w/w of xylene:methoxy propanol)	mPa s	250
Flash Point (Abel closed cup)	°C	30
Relative density at 20°C		1.08

APPLICATIONS

CRESTAKYD 30-9502 may be used to formulate low odour industrial air-drying top coats and one coat primer systems. Paints based on CRESTAKYD 30-9502 show rapidly developing water resistance properties.

Drier Recommendation 0.06% cobalt, 0.2% zirconium and 0.2% calcium metals as percentage on resin solids for air drying systems. Alternatively, up to 0.9% aluminium driers in combination with 0.02% cobalt give much improved drying characteristics. For general useage, use 0.6% Aluminium and 0.03% cobalt. CRESTAKYD 30-9502 does not display large viscosity increases in combination with aluminium driers, as often apparent in other compliant formulations.

PACKAGING

CRESTAKYD 30-9502 is supplied in drums. Bulk deliveries are by road tanker.

STORAGE

CRESTAKYD 30-9502 should be stored in containers supplied. Where possible store below flashpoint.

HEALTH & SAFETY

Please see separate Material Safety Data Sheet.

Issue No.1

