



CRESTAKYD[®] 44-9015

Short oil air drying alkyd

INTRODUCTION

CRESTAKYD 44-9015 is a rosin and phenolic modified alkyd based upon linseed oil and supplied as a solution in a blend of xylene and solvent naphtha. CRESTAKYD 44-9015 is a fast drying alkyd when combined with driers and can dry slowly without any driers.

CHARACTERISTICS

(Not to be taken as a specification)

Solids content	%	60 ± 1
Oil type		Linseed
Solvent		Xylene/Solvent Naphtha
Acid Value (base resin)	mg KOH g ⁻¹	14
Colour PRS		4.5
Viscosity (25°C) (PRS bubble tube)	mPa s	1150
Solids at 200 mPa s (25°C)	%	46 ± 1
Relative density at 20°C		1.002
Flash Point (Abel closed cup)	°C	24
Hegman dispersion		8

APPLICATIONS

Fast air dry or stoving primers and enamels suitable for coating toys, drums, metal furniture and heavy duty machinery. The resin dries rapidly in the presence of driers but does exhibit some embrittlement on ageing. Drying can also take place in the absence of cobalt, but at a slower rate and the resin is ideally suited for general purpose stoving applications (15 minutes at 120°C). CRESTAKYD 44-9015 has good compatibility with many xylene thinned pure alkyds and can be used to upgrade the drying performance. It can be used in the presence of nitrocellulose, but not recommended in blends with drying oils or varnishes. The use of basic pigments should be treated with care.

Drier recommendation

0.5% cobalt metal calculated on resin solids. In selected applications the resin will dry without the addition of drier.

Thinner recommendation

Excellent tolerance to aromatic hydrocarbon solvents.

Limited tolerance to aliphatic hydrocarbons, alcohols, ester and ketone solvents.

PACKAGING

CRESTAKYD 44-9015 is supplied in drums. Bulk deliveries are by road tanker.

STORAGE

CRESTAKYD 44-9015 can be stored in the containers in which it was supplied. Where possible store below flashpoint.

HEALTH & SAFETY

Please see separate Material Safety Data Sheet.

Issue No.1