



# CRESTAKYD<sup>®</sup> 41-5009

## Styrene modified short oil alkyd

### INTRODUCTION

CRESTAKYD 41-5009 is a styrene modified alkyd based upon a blend of mixed non-yellowing oils and supplied at two non-volatile contents as solutions in xylene. CRESTAKYD 41-5009 is a very versatile resin that gives paints with high gloss and good resistance properties.

### CHARACTERISTICS

(Not to be taken as a specification)

Solids content	%	60
Oil type		Mixed non yellowing
Solvent		Xylene
Acid Value (base resin)	mg KOH g <sup>-1</sup>	7
Colour PRS		1.25 max
Viscosity (25°C) (PRS bubble tube)	mPa s	1800
Relative density at 20°C		0.992
Flash Point (Abel closed cup)	°C	24

## APPLICATIONS

A universally employed resin in primers, enamels and hammer finishes. End uses vary from toys to marine deck paints and also include office furniture, drums, agricultural machinery. CRESTAKYD 41-5009 is ideally suited for a wide range of air dry, low bake and general purpose stoving industrial paints. Air dry films dry to touch in 15-20 minutes, are hard dry in 25-30 minutes and yield high build and gloss. High standards of adhesion, cohesion and flexibility are achieved. Typical of many styrene modified alkyds there is a tendency towards sensitivity to recoating: a deficiency usually associated with drier concentration, film thickness and application conditions.

CRESTAKYD 41-5009 is compatible with working levels of urea and melamine formaldehyde resins and are therefore, suitable for stoving finishes. Durability is of a high order for a styrene modified alkyd.

Drier recommendation  
0.03% cobalt as metal calculated on resin solids.

Thinner recommendation  
Complete tolerance to aromatic hydrocarbons. Limited tolerance to aliphatic hydrocarbons, alcohols, ester and ketone solvents.

## PACKAGING

CRESTAKYD 41-5009 is supplied in drums. Bulk deliveries are by road tanker.

## STORAGE

CRESTAKYD 41-5009 can be stored in the containers in which it is supplied.  
Where possible store below flashpoint.

## HEALTH & SAFETY

Please see separate Material Safety Data Sheet.

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PerCent Club



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