



# CRESTAKYD<sup>®</sup> 41-5008

## Styrene modified short oil alkyd

### INTRODUCTION

CRESTAKYD 41-5008 is a styrene modified alkyd based upon a blend of mixed non-yellowing oils in xylene.

A universally employed resin for use in primers, enamels and hammer finishes. End uses vary from toys to marine deck paints and also include office furniture, drums, agricultural machinery. DTM primers, both displaying excellent salt spray resistance.

### CHARACTERISTICS

(Not to be taken as a specification)

Solids content	%	70
Oil type		Mixed non yellowing
Solvent		Xylene
Acid Value (base resin)	mg KOH g <sup>-1</sup>	7
Colour PRS		1.25
Viscosity (25°C) (PRS bubble tube)	mPa s	15000
Solids content % at 200 mPa s (25°C)		45 ± 1
Flash Point (Abel closed cup)	°C	24
Relative density at 20°C		1.007

## **APPLICATIONS**

CRESTAKYD 41-5008 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 41-5008 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 41-5008 is supplied in drums. Bulk deliveries are by road tanker.

## **STORAGE**

CRESTAKYD 41-5008 can be stored in containers supplied. Where practical store below flashpoints.

## **HEALTH & SAFETY**

Please see separate Material Safety Data Sheet.

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