



# 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 in xylene. Crestakyd 41-5009 is a universally employed resin for quick drying primers, enamels and hammer finishes.

### CHARACTERISTICS (Not to be taken as a specification)

Solids Content	%	60
Oil type		Mixed non-yellowing
Solvent		Xylene
Acid value	mg KOH g <sup>-1</sup>	9 max
Viscosity, Brookfield, spindle 3, 20 rpm, at 25°C	mPa·s	2500
Viscosity (25°C) (PRS bubble tube)	mPa·s	1800
Colour	Gardner	6 max
Solids content at 200 mPa·s (25°C)	%	45
Specific gravity at 20°C		0.99
Flash Point	°C	24

## APPLICATIONS

Crestakyd 41-5009 is ideally suited for a wide range of air-dried and low-bake general purpose finishes. Air-dried films dry to touch in 15-20 minutes and are hard dry in 25-30 minutes yielding high build and gloss. Typical of many styrene modified alkyds there is a tendency towards recoating sensitivity, a deficiency related to drier concentration, film thickness and application conditions

Crestakyd 41-5009 is compatible with amino resins and is therefore suitable for stoving finishes.

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

The resin should be stored in the original, unopened and undamaged containers in a dry place at temperatures between 0°C and 30°C. Exposure to direct sunlight should be avoided.

## HEALTH & SAFETY

Please see separate Material Safety Data Sheet.

Issue No.2

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