

SYNOCRYL® 7013 SD 50

CAN COATINGS

ARKEMA COATING RESINS

Product

SYNOCRYL® 7013 SD 50 is a thermosetting acrylic resin. It permits to achieve a very good chemical resistance-mechanical properties relationship.

Application details

SYNOCRYL® 7013 SD 50 is recommended for high flexibility coating layers for the metalgraphic industry.

Polymer Type

- Solventborne Acrylic

Sales Specifications

Solid Content at 125°C, % (ISO 3251)	48 - 52
Viscosity at 25°C, mPa.s (Brookfield SC4-25/13R, 13.2s-1) (ISO 3219)	1300 - 2300
Colour, Hazen scale (ISO 6271)	200 max
Acid value, mg KOH/g (ISO 2114)	5 - 11

Other Characteristics¹

Volatile	Aromatic solvent 180°C - 200°C low naphthalene content/n-Butanol
Flash point, °C (ISO 3679)	52
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	0.95

Note: Acid value and/or Hydroxyl value quoted relative to solid resin

¹ The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

Formulation Guidelines

SOLUBILITY

SYNOCRYL® 7013 SD 50 is completely soluble in aromatic hydrocarbons, ketones, esters and glycol ethers and has a limited solubility in alcohols. It is insoluble in aliphatic hydrocarbons.

COMPATIBILITY

SYNOCRYL® 7013 SD 50 is compatible with urea, benzoguanamine and epoxy resins and partially compatible in melamine resins and saturated polyesters.

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOCRYL® 7013 SD 50 should be stored indoors in the original, unopened and undamaged container, in a dry place at a temperature not exceeding 30°C. Exposure to direct sunlight should be avoided.

In the above mentioned storage conditions the shelf life of the resin will be 6 months from the shipping date

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Arkema Coating Resins

420, rue d'Estienne d'Orves

92705 Colombes Cedex - France

arkema.com - arkemacoatingresins.com

