

## COATING RESINS

### TECHNICAL DATA

### SYNOCRYL 874X

#### SALES SPECIFICATION

Non-volatile content, % @ 150°C	43-47
Viscosity in CPS at 25°C	1000-1500
Colour, Gardner scale (ISO 4630)	≤ 1
Acid value, mg KOH/g (ISO 3682)	≤10

#### OTHER PROPERTIES

Volatile	Xylene
Non-volatile content, % @ 150°C	45
Flash point, °C (ISO 3679)	16
Density at 20°C (ISO 2811)	0.95

#### PRODUCT INFORMATION:

**SYNOCRYL 874X** is a Thermoplastic Acrylic copolymer possessing the excellent colour and gloss retention and good adhesion to the wood, metal, plastic and fabrics are the properties of this class resin.

**SYNOCRYL 874X** Characteristics of SYNOCRYL 874X based coatings include:

- Excellent Gloss and colour retention.
- Excellent soap and detergent resistance.
- Excellent adhesion on bare metal.
- Good compatibility with NC , vinyl resins and CAB

resin has limited solubility in aliphatic hydrocarbons and alcohols.

**COMPATIBILITY: SYNOCRYL874X** is compatible with the broad range of resins , NC resins, vinyl resins , chlorinated rubber and acrylated alkyds.

**SYNOCRYL 874X** should only be used in applications consistent with the above recommendations. Proposals to use the resin in other ways should be discussed with Cray Valley before any action is taken.

#### RECOMMENDATIONS FOR USE:

Water white films are deposited from the resin, and clear or pigmented films possess fast air dry times and are resistant to soaps and detergents. The films are also resistant to degradation when exposed to heat or ageing.

The versatility of SYNOCRYL 874X enables it to be used in a variety of finishes, either as the sole vehicle in clear or pigmented coatings for metal, wood, plastic and fabrics or as a modifying resin to improve the drying time, durability and resistance properties of other coating systems.

**SYNOCRYL 874X** should only be used in applications consistent with the above recommendations. Proposals to use the resin in other ways should be discussed with Cray Valley before any action is taken.

**SOLUBILITY: SYNOCRYL 874X** is supplied in Xylene ; which is soluble in all aromatic hydrocarbons , esters and ketones. The