

COATING RESINS

TECHNICAL DATA

SYNOCRYL 811S

SALES SPECIFICATION

Non-volatile content, % @ 150°C	46-50
Viscosity in CPS at 25°C (AFNOR XPT51213)	500-1500
Colour, Gardner scale (ISO 4630)	≤ 2
PH of 10% solution	9.5 – 10.5

OTHER PROPERTIES

Volatile	Mixed Alcohol / Water
Non-volatile content, % @ 150°C	48
Clarity	Slight Haze is Permissible

PRODUCT INFORMATION

SYNOCRYL811S is an aqueous solution of a high molecular weight vinyl polymer, developed for use in water soluble stoving systems. When used at low concentrations, it is effective in eliminating cissing and related effects in deposited films, and also particularly recommended where water based coatings are applied to slightly greasy surfaces.

RECOMMENDATIONS FOR USE:

The additions of SYNOCRYL 811S during the final stages of paint making is recommended, at levels between 0.25 – 2.5% as supplied on the total weight of paint. The specific amount of additive required will vary depending on the water soluble resin being used and the nature of the substrate. To eliminate cissing on the greasy surface, smaller quantities will be sufficient with phenolic modified water soluble alkyds (about 0.25%), and higher levels with melamine modified water soluble resins (about 2.5%).

SYNOCRYL811S should only be used in applications consistent with the above recommendations. Proposals to use the resin in alternative systems should be discussed with CRAY VALLEY INDIA LTD before taking any action.