SYNOCURE®

TECHNICAL DATA SHEET

SYNOCURE® 9226 BA 82

Acrylic polyol

PRODUCT APPLICATION DETAILS

SYNOCURE® 9226 BA 82 is a hydroxy functional acrylic designed to crosslink at room temperature or forced air drying with aliphatic polyisocyanates.
SYNOCURE® 9226 BA 82 is particularly recommended for all high performance industrial applications with a level of COV below 250g/l in paints or varnishes

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content	81 - 83 %	Calculated
Viscosity (25°C)	3000 - 5000 mPa.s	ISO 3219
Color	100 max Hazen	ISO 6271
Acid value	10 max mg KOH/g	ISO 2114

OTHER CHARACTERISTICS[1]

	CHARACTERISTICS	METHODS
Solvent	Butyl acetate	-
Flash point	28 °C	ISO 3679
Density	1.03 g/ml	ISO 2811
Hydroxyl content	5.4 %	-

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

MARKETS

Coatings & Inks

- Industrial Coating
  - General Industry
  - Protective Coating
  - Protective And Marine Coating

PERFORMANCE BENEFITS

- Very High Solid, a level of 250g/l could be achievable in paints and varnishes
- Good drying time
- Good hardness

SYNOCURE® 9226 BA 82

FORMULATION GUIDELINES

RECOMMENDATIONS FOR USE

SYNOCURE® 9226 BA 82 should be mixed with the selected polyisocyanate just prior to application. It is preferable to use stoichiometric ratios to obtain optimum performance.
The reaction ratio is calculated from the respective equivalent weight or hydroxyl and isocyanate content of the reactants. The relationship is:
Hydroxyl Equivalent Weight = (17*100) / %OH
Isocyanate Equivalent Weight = (42*100) / %NCO

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNOCURE® 9226 BA 82 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 from the shipping date.

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