

# SYNOCURE® 9226 BA 82

PROTECTIVE & MARINE COATINGS

ARKEMA COATING RESINS

## Product

SYNOCURE® 9226 BA 82 is a hydroxy functional acrylic designed to crosslink at room temperature or forced air drying with aliphatic polyisocyanates.

## Application details

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

## Performance Benefits

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

## Polymer Type

- Solventborne Acrylic

## Sales Specifications

Solid Content % Calculated	81 - 83
Viscosity at 25°C, mPa.s (ISO 3219)	3000 - 5000
Colour, Hazen scale (ISO 6271)	100 max
Acid value, mg KOH/g (ISO 2114)	10 max

## Other Characteristics<sup>1</sup>

Volatile	Butyl acetate
Flash point, °C (ISO 3679)	28
Density / Specific Gravity at 20°C, g/ml (ISO 2811)	1.03
Hydroxyl Content, %	5.4

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

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

## 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:

$$\text{Hydroxyl equivalent weight} = \frac{17 \times 100}{\% \text{ OH}}$$

$$\text{Isocyanate equivalent weight} = \frac{42 \times 100}{\% \text{ NCO}}$$

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**Product Safety**

Please refer to the corresponding Safety Data Sheet.

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**Storage & 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 12 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](http://arkemacoatingresins.com)

The logo for ARKEMA, featuring the word "ARKEMA" in a bold, sans-serif font. The letters "A", "R", "K", "E", and "M" are in a dark blue color, while the letter "A" at the end is in a green color.