

# CN823

## Acrylic Oligomer

### Description

CN823 is a unique acrylic oligomer that will enhance adhesion to non-porous substrates. The product imparts superior adhesion to challenging substrates, especially plastics. CN823 demonstrates good weatherability, which extends its use to outdoor applications.

### Product performance

Wood Adhesion  
Hardness  
ABS/PC Adhesion  
Abrasion Resistance  
Chemical Resistance

### Typical values

Appearance	Clear liquid
Color (Pt/Co or APHA)	50
Density at 25°C (g/mL)	1.0431
Functionality	2
Refractive Index at 25°C	1.482
Viscosity at 60°C (mPa.s)	6,400

### Suggested applications

Flexographic inks  
Inkjet inks  
Metal coatings  
Offset inks  
Overprint varnishes  
Plastic coatings  
Screen inks

### Special features

Adhesion promoter

### Shelf life

Store in the original, closed container in a dry, cool (<38°C) and well-ventilated place. Keep away from frost and heat (open flames, hot surfaces and sources of ignition) sources. Typical shelf-life is **6** months from delivery date for unopened containers. In cases where product sampling is required to carry out incoming quality tests, shelf-life should be maintained beyond opening, provided that it is tightly closed immediately after and that contamination with foreign bodies is avoided.

Inhibitors have been added to enhance storage stability. They require the presence of air in the container in order to improve their efficiency. Keep stabilizer levels constant to avoid explosive polymerization. An air space is required above the liquid in all containers; avoid storage under an oxygen-free atmosphere.

### Storage

See SDS for Storage Considerations

### Health and safety

See SDS for Health & Safety Considerations

**Sartomer Americas**  
502 Thomas Jones Way  
Exton, PA 19341 - AMERICA  
Tel: (+1) 610.363.4100  
Fax: (+1) 610.363.4140  
Sartomer.com