

## TECHNICAL DATA SHEET

# CN825

## Acrylic Oligomer

### DESCRIPTION

CN825 is a unique acrylic oligomer that enhances adhesion to non-porous substrates, especially plastics. CN825 demonstrates improved cure response and hardness versus CN823. It is further characterized by good lithographic performance and stability.



### SHELF LIFE

Store in the original, closed container in a dry, cool (<45°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

### STORAGE

See SDS for Storage Considerations

### HEALTH AND SAFETY

See SDS for Health & Safety Considerations

### LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	2
Color (Pt/Co or APHA)	<150
Refractive Index at 25°C	1.491

### CURED PROPERTIES

Elongation at break (%)	2
Tensile Strength (MPa)	3
Young Modulus (MPa)	324

### PRODUCT PERFORMANCE

Wood Adhesion  
Hardness  
ABS/PC Adhesion  
Metal Adhesion  
PVC/PS Adhesion  
Weatherability  
Stain Resistance  
Scratch Resistance  
Abrasion Resistance  
Chemical Resistance  
Moisture Resistance  
Corrosion Resistance

### SPECIAL FEATURE

Adhesion promoter

### SUGGESTED APPLICATIONS

Flexographic inks  
Inkjet inks  
Metal coatings  
Offset inks  
Screen inks

**Arkema Inc**  
502 Thomas Jones Way  
Exton, PA 19341 – AMERICA  
[www.Sartomer.arkema.com](http://www.Sartomer.arkema.com)

**Arkema France**  
420, rue d'Estienne d'Orves  
92705 Colombes Cedex  
France  
[www.Sartomer.arkema.com](http://www.Sartomer.arkema.com)