

## TECHNICAL DATA SHEET

# CN119

## Modified Epoxy Acrylate

### DESCRIPTION

CN119 is an amine modified epoxy acrylate. It provides flexibility, exceptionally fast cure, and chemical resistance.



### 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 (Gd)	<5
Refractive Index at 25°C	1.518

### CURED PROPERTIES

Tg (°C), by DSC	37
Young Modulus (MPa)	1303
Elongation at break (%)	5
Tensile Strength (MPa)	39

### PRODUCT PERFORMANCE

Hardness  
Wood Adhesion  
Metal Adhesion  
Flexibility  
Scratch Resistance  
Abrasion Resistance  
Chemical Resistance  
Corrosion Resistance  
Shrinkage  
ABS/PC Adhesion  
PVC/PS Adhesion  
PE/PET/PP/PMMA Adhesion  
Pigment Wetting

### SUGGESTED APPLICATIONS

Adhesives & sealants  
Electronics  
Overprint varnishes  
Wood coatings

**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)