

## TECHNICAL DATA SHEET

# SARBOX® SB401

## Aromatic Acid Methacrylate Half Ester In Eep Ester Solvent

### DESCRIPTION

SARBOX® SB401 is a highly functional, carboxylic acid and anhydride containing methacrylate oligomer, blended in ethyl-3-ethoxy propionate (EEP) solvent. It offers fast cure speed and excellent copper adhesion. SARBOX® SB401 has a high acid number for alkali strip-ability. SARBOX® SB401 also provides good solvent and acid resistance and excellent high gloss aqueous development.



### LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	8
Color (Pt/Co or APHA)	<300
Refractive Index at 25°C	1.491

### PRODUCT PERFORMANCE

Hardness  
Metal Adhesion  
Chemical Resistance  
Moisture Resistance  
Wood Adhesion  
Pigment Wetting  
Stain Resistance  
Scratch Resistance  
Abrasion Resistance  
Shrinkage

### SPECIAL FEATURE

High functionality

### SUGGESTED APPLICATIONS

Metal coatings  
Plastic coatings  
Wood coatings

### 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

**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)