

## TECHNICAL DATA SHEET

# SARBOX SB510E35

Aromatic Acid Methacrylate Half Ester In TMP(3EO)TA (SR454)

### DESCRIPTION

SARBOX SB510E35 is a moderately functional, carboxylic acid and anhydride containing methacrylate oligomer blended in SR454, ethoxylated trimethylolpropane triacrylate monomer. Reactive solids are 100%. It offers excellent cure speed, excellent adhesion to metal and plastics, good wetting and flow characteristics. SARBOX SB510E35 also has excellent thin film adhesion to electrocoated steel.



### 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
Refractive Index at 25°C	1.502
Functionality	8
Color (Pt/Co or APHA)	<400

### PRODUCT PERFORMANCE

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

### SPECIAL FEATURE

High functionality

### SUGGESTED APPLICATIONS

Flexographic inks  
Metal coatings  
Plastic coatings  
Screen inks  
Wood coatings

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