

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.



LIQUID PROPERTIES

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

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

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

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