

TECHNICAL DATA SHEET

SR511A

2-Hydroxyethylethylene Urea (with Water)

DESCRIPTION

SR511A is a 75% solids monomer that reduces VOCs and increases solids levels, while maintaining film properties of solvent-based and water-borne industrial baking coatings crosslinked with amino resins. SR511A significantly improves gloss and clarity of emulsion-based coatings, and increases the open-time of waterborne systems.



LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	2
Color (Pt/Co or APHA)	<100
Density at 25°C (g/mL)	1.1163

PRODUCT PERFORMANCE

Hardness
 Shrinkage
 Wood Adhesion
 ABS/PC Adhesion
 Metal Adhesion
 PVC/PS Adhesion
 Weatherability
 Chemical Resistance
 Moisture Resistance
 Corrosion Resistance
 PE/PET/PP/PMMA Adhesion
 Flexibility
 Stain Resistance

SUGGESTED APPLICATIONS

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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