

Carboset® SA 850A Acrylic Emulsion

Elastomeric Acrylic Emulsion

Carboset® SA 850A is an acrylic copolymer emulsion specifically developed for elastomeric masonry coatings. High performance coatings can be formulated using Carboset SA 850A for a variety of construction materials including concrete, concrete block, brick, stucco, EIFS and fiber-cement surfaces. Coatings based on Carboset SA 850A show an excellent balance of performance properties which can reduce initial as well as lifetime maintenance costs. These coatings can be formulated to meet current regulatory requirements for VOC limitations and regulated substance concerns. Carboset SA 850A can be formulated as a primer for new (high pH) concrete / stucco or as a topcoat with excellent efflorescence resistance. An all-in-one finish is also capable with Carboset SA 850A.

FEATURES AND BENEFITS

- Adhesion
- Alkali Resistance
- Dirt Pick-Up Resistance
- Durable
- Efflorescence Resistance
- Elastomeric
- Flexible
- Stain Resistance
- Tear Resistance
- UV Resistance
- Weatherability

CHARACTERISTICS

Characteristic Name	Value
% Volume Solids	52.0 - 54.0
% Weight Solids	54.0 - 56.0
Appearance	Milky White Emulsion
Brookfield Viscosity (cps)	100 - 1500
Density (lb/gal @ 25 °C)	8.7
Freeze/Thaw Stability	Protect from Freezing
MFFT (°C)	9
Tg (°C)	10
pH Value	7.9 - 8.7

REGULATORY

- APEO-Free¹
- Low VOC⁴

¹Not intentionally added to the composition of this product

⁴Suitable for coating formulations where less than 140 g/l VOC (US EPA Method 24) or 75 g/l VOC (ISO 11890-1, Method 2) is desired based on calculations.

APPLICATIONS

- Building & Construction Coatings

AVAILABLE REGIONS

- Asia Pacific
- EMEA
- Latin America
- North America

RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 365 days. See SDS for storage conditions and handling instructions.

REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at www.lubrizol.com/coatings.

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

America: AmerLZAMCustomerAssistance@Lubrizol.com | Europe: EMEAICustomerAssistance@Lubrizol.com |

Asia: APCustomerAssistance@Lubrizol.com | Brazil: BrazilQualityLZAM@Lubrizol.com

DISCLOSURE

The information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained. The information is based on laboratory work with small-scale equipment and does not necessarily indicate end product performance. Because of the variations in methods, conditions and equipment used commercially in processing these materials, no warranties or guarantees are made as to the suitability of the products for the applications disclosed. Full-scale testing and end product performance are the responsibility of the user. Lubrizol Advanced Materials, Inc. shall not be liable for and the customer assumes all risk and liability of any use or handling of any material beyond Lubrizol Advanced Materials, Inc.'s direct control. The SELLER MAKES NO WARRANTIES,

EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner. Product safety information required for safe use is not included. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE FROM YOUR LUBRIZOL REPRESENTATIVE, OR DISTRIBUTOR.

Trademarks owned by The Lubrizol Corporation or its affiliates. © The Lubrizol Corporation 2020, All Rights Reserved.

