

## TECHNICAL DATA SHEET – CRS-1

### DESCRIPTION

Blacklidge's CRS-1 is a high performance cationic rapid set emulsion made with a relatively soft binder. Used primarily for prime coats.

### PHYSICAL PROPERTIES

- Boiling Point (°F): 212
- Specific Gravity (H<sub>2</sub>O = 1): 1.01
- Solubility in Water: Dispersible
- Appearance and Odor: Brown liquid with Mild Petroleum Odor

PARAMETER	TEST METHOD	MIN	MAX
<b>Tests on Emulsion</b>			
Saybolt Furol Viscosity, SFS @ 50 °C	AASHTO T 72	200	100
Storage Stability, 1 day, %	AASHTO T 59	----	1.0
Demulsibility, %	AASHTO T 59	40	----
Particle Charge	AASHTO T 59	Positive	
Residue by Distillation	AASHTO T 59	60	----
Oil Distillate, %	AASHTO T 59	----	3.0
Sieve Test	AASHTO T 59	----	0.1
<b>Tests on Residue</b>			
Penetration @ 25 °C, dmm	AASHTO T 49	100	250
Ductility @ 25 °C	AASHTO T 51	40	----
Solubility, %	AASHTO T 44	97.5	----

### LIMITATIONS

Proper storage, handling, and application guidelines must be followed carefully for best results. As with any emulsion, do not allow the material to freeze or boil because of aggressive heating. Freezing or boiling of CRS-1 will break the emulsion. CRS-1 IS NOT COMPATIBLE WITH ANIONIC EMULSIONS (RS, MS, SS, etc.). All equipment should be thoroughly cleaned if anionic emulsion was previously present. It is highly recommended for the product to be applied when hot (140°F to 160°F). Please contact your Blacklidge representative prior to first use for detailed storage and handling procedures.

### CAUTION

For industrial use only. Refer to SDS for further information.

THIS PRODUCT IS NOT SUBJECT TO THE CONTROLLED PRODUCT REGULATIONS.

The information contained herein is the best information available to Blacklidge relating to our products, the use of our products, and is based on tests believed to be reliable. There is no warranty, EXPRESSED OR IMPLIED in association with this product or its use. Blacklidge assumes no liability for any damages incurred in association with the use of our products, and the liability of Blacklidge will be limited to the replacement of material found to be defective, or, at its option, the refund of the purchase price.

Product information subject to change without notice. © 2016 Blacklidge Emulsions, Inc. All rights reserved.