

## PERFORMANCE ADDITIVES

## TREATED SURECURE<sup>®</sup> TECHNICAL DATA

### APPLICATIONS

Treated SureCure<sup>®</sup> is used as a seed crystal to promote consistent formation of tetrabasic lead sulfate during paste mixing and curing. It helps improve the formation and cycle life of lead acid batteries.

### PHYSICAL PROPERTIES

|  |   |
|--|---|
| <b>Tetrabasic Lead Sulfate Content (4PbO·PbSO<sub>4</sub>)</b> | 94% typical, 90% minimum (by Rigaku Miniflex) |
| <b>Median Particle Size</b>                                    | 1.0 micron typical                            |
| <b>Moisture Content</b>  | 0.3% maximum                                  |
| <b>Color</b>   | White to light yellow                         |

### IMPURITIES

| Element | Maximum w/w% | Typical w/w% |
|---------|--------------|--------------|
| Iron    | 0.0100       | 0.0020       |
| Zinc    | 0.0010       | 0.0001       |
| Copper  | 0.0015       | 0.0001       |
| Silver  | 0.0050       | 0.0035       |
| Nickel  | 0.0010       | 0.0001       |
| Arsenic | 0.0010       | 0.0001       |

### PACKAGING

Available in 5kg, 10kg, and 24lbs. bags. Other packaging available upon request.

### RECOMMENDED USAGE INSTRUCTIONS

Treated SureCure<sup>®</sup> should be added to the paste mix at 1% of total oxide weight before the addition of water or acid. This helps to ensure a homogeneous paste mix.

### RECOMMENDED CURING PROFILE

75°C for 48 hrs during high humidity (>95% RH) step. For different curing temperatures and conditions, please contact HGI technical team for consultation.

**HAMMOND**  
THE CHANGE CATALYST<sup>®</sup>

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