

PERFORMANCE ADDITIVES

SURECURE[®] 100C TECHNICAL DATA

APPLICATIONS

SureCure[®] 100C is used as a seed crystal to promote consistent formation of tetrabasic lead sulfate during paste mixing and curing. It helps improve the cycle life of lead acid batteries.

PHYSICAL PROPERTIES

Tetrabasic Lead Sulfate Content (4PbO·PbSO₄)	98% typical, 92% minimum (by Rigaku Miniflex)
Median Particle Size	1.0-1.3 micron typical
Moisture Content	0.3% maximum
Color	White to light yellow

IMPURITIES

Element	Maximum w/w%	Typical w/w%
Iron	0.0050	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

SureCure[®] 100C 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 24 hrs. or 55°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[®]

Hammond Group, Inc.
3100 Michigan Street
Hammond, IN 46323 USA
Phone: (219) 989-4060
Fax: (219) 989-4072



HAMMONDGLOBAL.COM

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