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Product Data Sheet

Date: 01/03/06
Supersedes: 12/15/05
PRODUCT #: N9110

CuBrite PC-520

Carrier Additive

DESCRIPTION:

An additive containing the carrier component of the brightener system for *CuBrite PC-525* copper plating bath. *CuBrite PC-520* can replenish the carrier component without excessive additions of brightener to maintain desired characteristics of the plated copper deposit. It can be used after carbon treatment of the plating bath, or whenever there is excessive drag-out of the plating solution.

BENEFITS:

- Replenishes carrier component after carbon treatment
- Prevents excessive brightener additions

SPECIFICATIONS:

Density: 1.03 g/ml, 8.5 lbs/gal
Flash Point (TCC): None
VOC Content (EPA Method 24): None

INSTRUCTIONS:

	<u>Optimum</u>	<u>Range</u>
Concentration:	0.7% by volume	0.5% - 4.0%

Add *CuBrite PC-520* at approximately 0.7% by volume to the plating bath after carbon treatment.

Analyze for *CuBrite PC-520* level by use of cyclic voltametric stripping (CVS) analytical method.

CAUTION:

Use standard chemical handling practices when handling this product. In case of contact with eyes, flush with water for at least 15 minutes. For skin contact, wash with soap and water. Refer to Material Safety Data Sheet for further information.

DISPOSAL:

Neutralize and dispose of in accordance with all local, state and federal regulations.

This product should be used only for its intended purpose. The information stated above is based on our laboratory tests and experience, and is accurate to the best of our knowledge. Since actual use is beyond our control, the recommendations or suggestions are made without warranty, expressed or implied.