

# PLATING PRODUCTS IND PVT LTD

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## Technical Data Sheet

### CU-556

#### An Answer to Tarnish & Oxidation for Electroless & Electrolytic Copper & Copper Alloys

CU-556 liquid material added to water to protect surface of copper & its alloys after electroless & electrolytic deposition from tarnish and oxidation.

CU -556 affords long-term storage for SMOBC or other printed circuit boards with bare copper surfaces.

#### **CU-556 Operating Conditions**

CU-556	0.125 to 0.25% by volume in DM water	1 to 1.2% by volume in DM water
Temperature	Room Temp.	Room Temp. to 50°C
Immersion Time	30 to 90 secs.	30 to 90 secs.

#### **OPERATION**

Products are immersed in the CU-556 solution as the last step before drying. Rinsing after CU-556 is not necessary but will not affect the protective coating.

Products entering CU-556 must be clean & wet. (Do not immerse dry products).The solution has no cleaning ability and CU-556 coating will not form on unclean & dry surfaces. If the last process tank, prior to the CU-556 tank is acidic, care must be taken to ensure minimal acid drag in. CU-556 solution will not function properly at a pH less than 3.5.

#### **EQUIPMENT**

CU-556 solutions should be contained in tanks of stainless steel, fibreglass , plastic or PVC-lined steel, polyethylene.

## **CAUTION**

CU-556 contains organic material dissolved in a solvent-water solution. It should not get in eyes, skin, or on clothing. Always wear goggles and rubber gloves when handling CU-556 or its solutions. Avoid prolonged or repeated breathing or vapour or mist from solution. Use with adequate ventilation.

CU-556 concentrate is a flammable liquid having a flash point of 27°C. Keep CU-556 away from sources of heat, sparks and open flame. Avoid contact with oxidizing agents as fire may result from such contact. Keep container tightly closed in a cool area and protect container from physical damage.

## **PACKAGING**

Five (5), Thirty-Five (35) and Two hundred 200 Litre non-returnable containers.

## **IMPORTANT NOTICE : for industrial use only.**

The following is made in lieu of all warranties , expressed or implied , including the implied warranties of merchantability and fitness for purpose.

Neither seller nor manufacturer shall be liable either in tort or in contract for any loss or damage , direct , incidental or consequential arising out of the use or the inability to use the product.

