



CUPPER 1OXIDE (Cu_2O)

USES

Cu_2O Used in antifouling paints for boat and ship bottoms; it is an effective control over corrosion. Used in paints for glass and porcelain. Used as a p-type semiconductor material that was used to make photocells for light meters and fabricate rectifiers. Used as a fungicide and seed dressing.

TECHNICAL DATA

Homogeneity	Homogenous
Color	Red and yellow
State	solid
size	60-80 nm
morphology	Spherical
Thermal stability	260 °C
Anti-bacterial	Effective on gram positive and negative bacteria

TECHNICAL DATA SHEET

FEATURES AND BENEFITS

- Anti-fouling
- Anti-bacterial
- effective



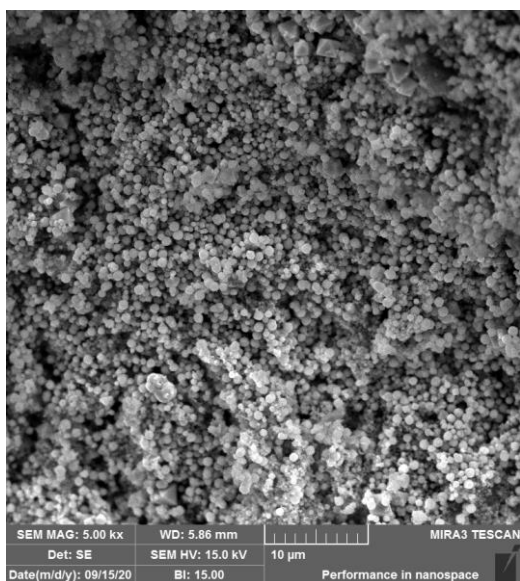
Application

- Antibacterial Paint and Polymers
- Catalysis
- pigment
- Antifouling agent
- Oxygen scavenger
- Pharmaceutical

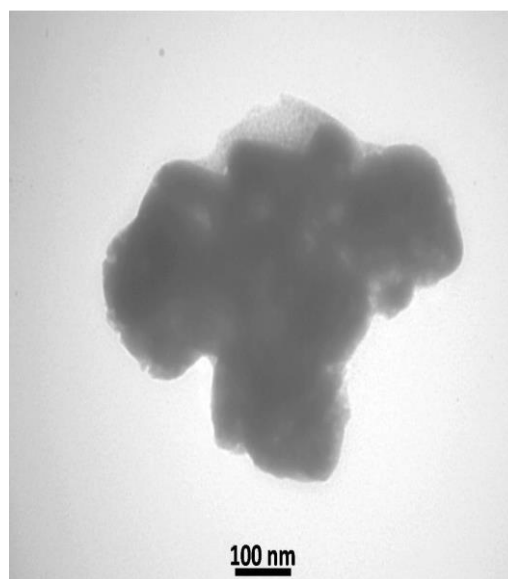
PACKAGING

containers in four sizes: 10gr. 50gr. 500gr. 1000gr.

SEM, TEM



SEM



TEM