



# TIFOO

## COPPER CONDUCTIVE VARNISH

# INSTRUCTIONS

### COPPER CONDUCTIVE VARNISH

#### Safety

The conductive varnish is inflammable and dangerous for the environment. Keep away from ignition sources (like garages). Avoid electrostatic charge. Avoid release to the environment. Dispose of contents/container to adequate disposal. Read our security instruction sheet.

#### Application fields

Make plastic, glass, ceramics and many other materials conductive. Also suitable for use as ornamental varnish for flowers it also preserves fresh flowers without having them dried before. If you want to repair circuits in the modelling domain or use it for reat window heaters, please use our Silver conductive varnish.

#### Using the conductive varnish

Using as conductive varnish for electroplating: Please apply a thin layer of the conductive varnish on the cleaned and degreased object. The conductive varnish can be applied or by painting or by spraying on the object in question (air brush or pump sprayer). Let it dry (from 5 to 15 minutes at fresh air) and electroplate it afterwards. A time span of 1 to 3 days for drying at room temperature will make the layers more robust. Before applying the varnish, shake the tin well so that the copper powder at the bottom of the tin swirls up. Attention: the varnish is not abrasion resistant, so do not touch the objects without gloves to avoid finger prints. The varnished object is not yet conductive because the surface is blocked by oxide layers. When you dip the object in question in acidic copper electrolyte, the oxydes will dissolve and the varnish will get his excellent conductive quality. If you want to use it as an ornamental varnish: Apply the conductive varnish as explained above. You don't need to dry the flowers first because they will dry immediately under the copper layer without going mouldy.



## Promotion

Our company is officially sponsored by the European Union.



## European Union

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