



## TECHNICAL DATA SHEET

# ACTIVA 7000 PD

## PALLADIUM/SN ACTIVATOR

ACTIVA 7000 is a liquid activator formulated especially for electroplating of non conductive surfaces like ABS and ABS blends. Activa 7000 is used for germing the pre-treated surface of plastic parts. A high efficiency activator with long service life.

### Application Data:

#### **For 100 liter tank:**

Activa 7000	1 – 2 Liter
Hydrochloric acid	30 liter ( must be pure conc. HCL)
Water	to 100 liters
Temperature	25-30 C
Tank	pp, acid resistant plastic
Application time	1-5 minutes

### Process Sequence For Abs Electroplating:

- 1- Chromic acid – Sulfuric acid etching.  
Chromic acid 400 gr/l  
Sulfuric acid 400 gr/l  
**Catawet 7200** wetting agent for abs 0.3 gr/l
- 2- Chromium reduction with **MONDO RD 7005**
- 3- Activating with **ACTIVA 7000 PD**
- 4- Accelerating the piece with **ACTIVA 7100 AC** accelerator
- 5- Electroless nickel plating with **NICHEM 7300 EN**
- 6- Acid copper plating with **RAMAC 6200** acid copper process
- 7- Nickel electroplating with **Nilux** process
- 8- Chromium electroplating with  
If chromium is needed trivalent **ECOLOCHROME TRI 4300** process  
If chromium is needed hexavalent **CATACHROME 4000** process

**Attention: there must be at least three rinses between the steps**

### **Effluent treatment:**

All concentrates and rinsing waters have to be treated according to local regulations.

## Health and Safety

Material Safety Data Sheets are available for all GALVANO MONDO products, they are normally issued with relevant quotations and Technical Data Sheets. They explain hazards associated with the product following classification by European Statutory Requirements. Normally more than one product will be used in a process. Risk evaluation of the process is the users responsibility because the user controls men, materials, methods and machines. The user must consider all of the substances present in the solution, whether they present a risk to people and the environment, whether abatement measures are needed.