



## PRODUCT DATA SHEET

### **CERAFLUX - 49**

(Powder flux for Copper base Alloys)

#### **PRODUCT :-**

CERAFLUX-49 is an Off-White coloured powder flux used for copper base alloys during melting. Pure copper or copper alloys are very difficult to melt and are very susceptible to gassing. In case of alloys the oxidation losses of alloying element should also be reduced.

Under the cover of CERAFLUX- 49 both oxidation losses and the pickup of Hydrogen from moisture in the atmosphere are prevented.

The percentage addition of CERAFLUX – 49 is 1% on metal weight for good scrap. For turning/ boring etc. type of scrap 3-4% CERAFLUX – 49 is required on the metal weight.

The flux is added in 3 stages. First 1/3<sup>rd</sup> part is to be added alongwith scrap. Then second dose when the melt is in mushy stage and third and final after deoxidizing the melt by deoxidizing tubes. After achieving the desired temp. rable the melt. Then pour the metal, keeping the cover of flux on the melt.

#### **ADVANTAGES:-**

- Reduces the oxidation so costly alloying elements are saved as well as maintain the grade properly.
- Creates a reducing atmosphere required for Cu-alloys
- Cleans metal and remove nonmetallic inclusion.
- Increase in metal yield.

**STANDARD PACKING :** 50 KG. HDPE BAG.

**STORAGE :** Store in cool and dry place and away from direct heat.

**SHELF LIFE :** 12 months from date of manufacturing.