

**CERAFLUX – 49M**  
(Powder flux for Copper base Alloys)

**PRODUCT :-**

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

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

The flux is added in 3 stages. First one third part is to be added along with 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. Rabble 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.