



CERAFLUX

An ISO 9001 Certified Company

**"The Only Indian Company Manufacturing
Wide Range of Metallurgical Products "**

**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 be reduced.

Under the coating 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. Initial 1/3rd part is to be added along with scrap. Then second dose when the melt is in mushy stage and final after deoxidizing the melt by deoxidizing tubes. After achieving the desired temperature 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 non-metallic inclusion.
- Increase in metal yield.

STANDARD PACKING:- : 25, 50 kg HDPE bag.

SHELF LIFE:- 12 months from date of manufacturing in closed intact packing kept in cool and dry place.

PRECAUTION:- Flux is hygroscopic in nature so store in dry atmosphere.

NOTE:- Above information is true and accurate based on controlled laboratory testing. However user is responsible for determining suitability for application at their end. No guarantee is implied since the condition in actual use differs widely & beyond our control.

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