



CERAFLUX

An ISO 9001 Certified Company

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

CERAFLUX- 5A

(Melting & covering flux)

PRODUCT: -

CERAFLUX-5A is white colour powder made from salts of sodium, potassium and cryolite. CERAFLUX-5A is recommended for melting and covering operation.

FUNCTION: -

Aluminium in molten condition has higher affinity towards hydrogen & oxygen. Molten aluminium alloys rapidly forms an aluminium oxide (dross) film whenever surface is freshly exposed to atmosphere. CERAFLUX-5A is designed to prevent the formation of layer (aluminium oxide), being low temperature melting flux CERAFLUX-5A forms liquid layer of flux when applied on preheated charge. The molten layer of CERAFLUX-5A prevents the oxidation of aluminium.

APPLICATION:-

CERAFLUX – 5A is recommended for melting and covering operation. Exothermic property of the product influences faster melting of aluminium. CERAFLUX – 5A forms a layer over molten aluminium which acts as a barrier between molten aluminium and atmosphere by this CERAFLUX – 5A prevents the oxidation of molten aluminium.

APPLICATION RATE: -

For crucible furnace: 0.5 - 1% of metal charge.
(Higher % recommended for loose and uncleaned scrap)
For reverberatory furnace: 125- 150 gm/ sq. ft. area.

APPLICATION PROCEDURE:-

CERAFLUX-5A is low melting point flux (max-650°C), it is to be applied on the metal before melting of the metal. It is advised to apply CERAFLUX – 5A in 2/3 stages.

- 1 Take requisite quantity of CERAFLUX-5A as recommended.
- 2 Add 1/3rd quantity of total required flux in the beginning i.e. when charge is preheated stage.
- 3 Charge the furnace when the initial charge get melted (take care not to disturb the layer of the flux, try to charge the scrap from one end only) and ensure that the scrap is free from dirt , oil , moisture.
- 4 Add remaining second part of the flux on molten metal wherever the layer is disturbed and ensure that layer of flux covers the whole metal surface. Keep the layer intact to prevent oxidation of molten aluminium.
- 5 Continue the procedure till the full quantity of metal is melted.
- 6 Rabble the fine dross with help of ms tool.

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.

CERAFLUX INDIA PVT. LTD.

F-59, MIDC, Gokul Shirgon, Kolhapur - 416234, India.

Email : info@ceraflux.com
export@ceraflux.com

Website : www.ceraflux.com

Call : 91-231-2671008/2672175.

Fax : 91-231-2671091.

Branches All Over India

AHMEDABAD, AURANGABAD, BANGALORE, BELGAUM, CHENNAI, COIMBATORE, DELHI, FARIDABAD, PUNE, SILVASA
Exporting to Bahrain, Bangladesh, Egypt, France, Indonesia, Iran, Malaysia, Nepal, Spain, Srilanka, Thailand, UAE, USA