

**COVERALL-88**  
(FURNACE CLEANING FLUX)

**PRODUCT :**

White coloured powder form, highly exo-thermic flux recommended for cleaning furnaces i.e. melting, and holding furnace.

**FUNCTION :**

COVERALL-88 is highly exo-thermic in nature. Recommended for cleaning furnaces which are accumulated with Corundum (Aluminium - Oxide-  $Al_2O_3$ ). Corundum is highly insulating in nature leads to increase in consumption of power in induction furnace and decrease the melting area of furnace. To remove the Corundum ( $Al_2O_3$ ) layer from furnace COVERALL-88 is recommended.

**PHYSICAL PROPERTIES:**

PHYSICAL STATE & APPEARANCE	GRANULAR POWDER /WHITE IN CLOUR
ODOUR	ODORLESS
MELTING POINT	575 °C
SOLUBILITY IN WATER	PARTIALLY SOLUBLE IN WATER
MOLECULAR WEIGHT	239

**CHEMICAL COMPOSITION:**

NAME OF CHEMICAL	COMPOSITION IN	%	CAS NO
SODIUM CHLORIDE	NaCl	35,0	7647-14-5
POTASSIUM CHLORIDE	KCl	30,0	7440-09-07
SODIUM SILICO FLUORIDE	$Na_2SiF_6$	20,0	16893-85-9
SODIUM ALUMINIUM FLUORIDE	NaAlF	15,0	15096-52-3

**APPLICATION NOTE:**

It is a furnace walls cleaning flux of exothermic nature The flux is useful when there is build of metal/dross adhering to walls /corners /sides of the furnace when it is difficult to remove the build of metal/dross from the furnace walls /corners/sides The flux Coverall -88 is sprinkled on these build up & due to exothermicity of flux the build up softens /melts and breaks down for cleaner walls of the furnace.

**ADVANTAGES:**

- 1) Reduces the rejection (inclusion).
- 2) Increase the life of furnace.
- 3) Increases the melting efficiency of furnace.
- 4) Easy to apply.