

# LUBRIKOTE GR 111

## Covering and Drossing-Off Flux for Aluminium

### PRODUCT DESCRIPTION:

Lubrikote GR 111 is a covering and drossing-off flux. During melting operation the cover flux protects the molten charge from the oxidizing furnace flames. Lubrikote GR 111 reduces formation of oxide inclusions in liquid metal. When used as a drossing-off flux, Lubrikote GR 111 rabled onto the surface of the liquid metal, reacts with non metallic impurities (oxides) and helps the removal of drosses with low metallic content. Drosses can be pressed by "The Press" without further exothermic reaction.

- Effective cover to reduce gas pick-up
- Drosses with low content of metallic inclusions

### PHYSICAL PROPERTIES:

**Appearance** : Granular Flux  
**Metal temperature range** : >660°C

**Colour** : White  
**Bulk Density**: 1.0-1.2

### RECOMMENDED USE:

Lubrikote GR 111 is recommended for all Aluminium alloys, except Aluminium Magnesium > 3% and hypereutectic alloys. The product contains Sodium Chloride.

### TYPE OF FURNACES:

Lubrikote GR 111 is recommended for melting, holding crucible and reverberatory furnaces. It can be applied in transfer ladles and during degassing process with rotors. (Not suitable for dosing furnaces).

### METHOD OF USE:

As a covering flux: Add a sufficient quantity of flux in order to create a uniform layer on the liquid bath. Generally the quantity is 0.1%. During melting or holding, the flux should be left on the bath for total protection.

As a drossing flux: after degassing treatment, sprinkle 0.1% of Lubrikote GR 111 on the liquid surface. To create maximum contact between flux and drosses we recommend to mix it carefully only on the upper part of the bath. The reaction will produce dry, flowing drosses with low metal content. Before pouring or casting it is advisable to leave the metal resting for a few minutes.

### PACKAGING:

Packing Available in 25 Kg Bags

### MATERIAL SAFETY DATA SHEET:

Available on request.



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