

COBOR 1245

Classification selon norme : EN1045-FH12

ISO 9001
ISO 14001

BUREAU VERITAS
Certification



APPLICATION FIELD

Cobor 1245 is a boron reinforced version of Cobor 1040.

This powder is used for brazing of common metals alloys i.e., copper, steel, brass, and silver (except aluminum), and particularly for tungsten carbide and carbonized steel.

Not suitable for stainless-steel with low Nickel grade because of interfacial corrosions.

CHARACTERISTICS, CHEMICO-PHYSICAL PROPERTIES

Brown colored powder

Calibrated granulometry

Flux lifetime is extended thanks to Boron addition.

Application temperature: 600 - 850°C.

DIRECTION FOR USE

It is recommended for brazing and braze-welding operations by oxyacetylene flame, induction.

First, remove grease on surfaces before applying the flux.

It can be used:

- as powder
- as paste: by mixing with water.
- by dipping a warm brazing rod into the powder (hot-rodding technique)

Heat uniformly, without localized overheating.

Brazing can be done when the flux becomes transparent.

If the flux blackens, this indicates an exhaustion, an overheat or an insufficiency.

Residues can be removed by soaking in cold water or by brushing.

PACKAGING

Plastic pot of 500 g.

MISCELLANEOUS

All active materials are in compliance with REACH.

Refer to MSDS (Health and Safety data sheet) – available on demand.

Note: The contents of this data sheet result from our knowledge and experience of the product, given as an indication but does not engage our responsibility for each particular case.