

Classification

CJ301

Chemical Composition:

Boric Acid: 65-75%

Borax: 25-35%

General Description

CJ301 is composition is borax and boric acid mixture, Suitable for use with brass welding rod and brass welding piece with high melting point.. brazing in a liquid cover on the surface of the metal, can effectively dissolve copper oxide and cuprous oxide.

Melting point: 650°C

Working Temperature: 850-1150°C

Product Application

It is copper brazing flux, used in brazing copper and copper alloy, carbon steel, alloy steel, stainless steel, hard alloy, etc. It can be used in furnace brazing, flame brazing and high frequency brazing.

Cleaning

The residue is glassy after brazing. General use of mechanical grinding method cleaning. The most convenient method is: to wait for the solder solidification after the hot into water quenching. The explosive action of vaporization of water molecules caused the residue to crack and fall off. At the same time, the soluble part of the residue also dissolved. However, the welding temperature should not be too high when it is put into water to avoid deformation cracks.

Safety and Storage

CJ301 contains chemicals that require this flux be used only in well-ventilated areas.

Wear gloves, goggles, and ventilation masks. Avoid contact with skin, eyes and clothing.

Avoid breathing dust and fumes produced during soldering processes. In case of eye contact, flush eyes with water and call a physician immediately.

Store flux in cool, un-humid environment in a very tightly sealed container. Desiccant bags are recommended to prevent hygroscopic absorption of humidity into the flux.

CJ301 has a two (2) year shelf life when stored properly.

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