



SUPERIOR No. 18



BRAZING POWDER FLUX

DESCRIPTION

Superior No. 18 is designed for spelter and conventional brazing of brass, bronze, Copper Nickel alloys and steel. It is non-bubbling, flows quickly and smoothly, and draws the melting spelter or Silver brazing alloys through the joint interstices. Oxides and other impurities are floated to the surface, resulting in strong, non-porous joints.

APPLICATIONS

Brazing of brass, bronze, copper, nickel, silver and steel. Mainly used for brazing of brass musical instruments, especially tubas and other large instruments.

DIRECTIONS

Superior No. 18 may be used as supplied or mixed with metallic zinc powder. Powders can be used dry or may be mixed with water to form pastes of different consistencies. Some users dip parts in a boiling solution of **Superior No. 18**.

PHYSICAL PROPERTIES

Form	-40 Mesh Powder
Color	White
Specific Gravity	1.7 g/cc (Average)
Flammability	None
Volatile Content	<0.1%
Freezing Effects	None
Brazing Temperature Range	704-982°C/1300 - 1800°F

THIS PRODUCT IS RoHS COMPLIANT

SAFETY PRECAUTIONS

Superior No. 18 contains no hazardous or toxic materials. Brazing should be carried out only in well-ventilated spaces. No special safety precautions are necessary besides those used when working with fine inorganic powders. Keep away from heat, moisture and water to maintain shelf life. Normal shelf life is two years.

Superior No. 18 has a two (2) year shelf life when stored properly.

Refer to Material Data Safety Sheet (MSDS) for additional information.

Superior manufactures quality fluxes. Our business is solving problems.

