



SUPERIOR TiBF-19



TITANIUM BRAZING PASTE FLUX

DESCRIPTION

Superior TiBF-19 Titanium Brazing Paste Flux is formulated for torch brazing Titanium and Titanium-based alloys, with an active temperature range of 720-815°C/1200-1500°F. It promotes strong braze joints in Titanium parts without subjecting them to extreme temperatures. This flux can be used without the removal of the alpha-layer involving acid or caustic pre-treatment.

APPLICATIONS

Superior TiBF-19 Titanium Brazing Paste Flux can be used to braze Titanium, Ti6AL4V, and many of its common alloys with gas-oxygen torches. This flux can also work in induction and furnace brazing applications using controlled atmospheres. Used in aerospace and a wide variety of industrial applications, including eyeglass frames.

PHYSICAL PROPERTIES

Form	Paste
Color	White
Flash Point	NA
Active Temperature Range	720-815°C/1200-1500°F

THIS PRODUCT IS RoHS COMPLIANT

RECOMMENDED FILLER METALS

- TBA-1 (720-815°C/1330-1500°F)

DIRECTIONS

Clean Titanium with acetone to remove oils, grease and other impurities. **Superior TiBF-19 Titanium Brazing Paste Flux** can either be used as supplied or mixed with enough water to meet a specific viscosity range.

SAFETY PRECAUTIONS

Superior TiBF-19 Titanium Brazing Paste Flux contains inorganic chlorides and fluorides and should only be used in well ventilated areas. Avoid contact with skin and eyes and avoid breathing fumes produced in brazing. Keep away from heat, moisture and water as they reduce the shelf life.

Superior TiBF-19 Titanium Brazing Paste Flux has a two (2) year shelf life when stored properly.

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

Superior manufactures quality fluxes. Our business is solving problems.



**Superior Flux
& Mfg. Co.**

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