

# PRODUCT DATASHEET

## Meta-Braze™ HT 21 Flux Powder

Meta-Braze™ HT21 Flux Powder is a high temperature flux that is designed for use with copper-based brazing alloys such as Meta-Braze™ Cu 058, 052, 067. It can be used to join mild and low alloy steels and tungsten carbide with brazing filler metals melting between 750-1150°C. Typical applications are in the brazing of tools for construction, mining, agriculture and oil and gas drilling. It may also be used in conjunction with copper based infiltrant materials.

### Product Details

Composition:	Proprietary
Specification / Standard:	EN 1045:1997: FH21 / ISO 18496:2021 FH21
Active Range:	750-1200°C

### Conditions For Use

This powder should be mixed with water and a few drops of a liquid detergent to form a paste which should then be brushed onto the joint surfaces before assembly. Further flux should then be applied externally either side of the joint opening. Some processes may use alcohol or another organic solvent or use the powder as it is supplied with the addition of no solvent.

The flux residues of this product, left after completion of the brazing operation, are corrosive and should be removed. They are very hard and insoluble in water and must be removed by mechanical methods such as grit blasting or grinding.

### Forms of Supply

Pots 400gm, other sizes on request

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