



Technical Bulletin

Product: A8 Flux

DESCRIPTION

A8 is a unique blend of chemicals developed to enable efficient soft soldering to metals such as stainless steels. These metals are difficult to solder due to the tough chromic oxide layer, which is present on the surface of the steel alloys. The free acid within A8 flux removes these oxides, thus producing a clean surface for the solder to wet.

Health & Safety

Observe standard precautions for handling and use of corrosive liquids. Eye and skin protection must be provided. Avoid breathing fumes evolved during soldering. Adequate fume extraction should always be provided.

For detailed information refer to the Health and Safety Data Sheet (MSDS) available on request.

FEATURES AND BENEFITS

- High activity Flux – Easy soft soldering to stainless steels.
- Water soluble residues – Easy post soldering cleaning
- Used to solder all stainless steels and particularly successful with 18/8 (302-304), 321S16, S80, Stellite.
- Suitable for use on Zinc. If trying to solder to galvanized steel, care should be taken not to allow the A8 to etch the Zinc from the steel surface. Surface corrosion will be more likely if this is allowed to happen.
- Ideal for use with various solder alloy grades, A8 works particularly well with Sn60 Pb40 solder (ISO 9453, Alloy No.2). If the joint has to be lead free, then CEAMG's Sn99 Cu1 grade solder (ISO 9453, Alloy No.23) should be used. Both alloys are available in wire and tinmans format.

PACKING & STORAGE

The A8 flux is available in 1, 5 and 10 litre containers. It should be stored in a cool, dry place away from ignition source.

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