



## A8 Stainless Steel 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.

### 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 galvanised 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 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.

### APPLICATION

The method of flux application can be adapted to suit the particular soldering operation. The most popular method is to use a brush to apply the flux to the joint area, being careful not to over-apply it. When heat is introduced, the flux will begin to work effectively so that when the solder is applied, the joint can be formed. Immediately after the joint and assembly have cooled, the flux residues should be thoroughly washed off with warm water.

### AVAILABILITY

10, 5 and 1 litre containers

### HEALTH AND 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.

The information contained herein is based on data considered accurate and is offered at no charge. No warranty is expressed or implied regarding the accuracy of this data. Liability is expressly disclaimed for any loss or injury arising out of the use of this information or the use of the materials designated.

Issue 1 - 27/07/2014

