

Technical Bulletin

TSC Fluxrite® Paste Flux

DESCRIPTION

Fluxrite® is a mid to dark brown, soft paste, designed for engineering and sheet metal work. The flux is active and contains zinc chloride and is suitable for soldering many metals including copper, brass and mild steel.

FEATURES & BENEFITS

- Multi-purpose paste flux – effective soldering performance on a wide range of metals.
- Suitable for both lead containing and lead free solder alloys (Puraflo wire and 99C lead free wire are particularly recommended).

APPLICATION

Cleanliness is important for good results. Before soldering, all traces of oil, grease, dirt and rust should be removed from the area or parts to be soldered. Wire wool is the most commonly used method for this but emery paper is a good alternative cleaner. Soldering irons should be cleaned prior to use and before heating. A thin application of Fluxrite® is then applied so that the iron can be tinned with solder. Fluxrite® is then applied to the area to be soldered, which can be heated with the iron or flame soldered. After soldering is complete, any excess flux residues must be removed with a damp cloth or by a water wash. This will minimise the risk of corrosion difficulties.

When soldering copper piping, Fluxrite® need only be applied to the outside of the pipe surface where the joint is to be made. With the assembly of the copper pipe into the fitting, sufficient flux is transferred into the walls of the fitting and no excess flux is trapped inside the joint area. Heat is then applied to the joint area until a sufficient temperature is reached for soldering, which will complete the capillary action and secure the joint.

TECHNICAL SPECIFICATIONS

	Specifications
Appearance:	Amber paste
Solubility:	Very slightly soluble in cold, hot water
Density:	1g/cm ³
Flash Point:	Not applicable

AVAILABILITY

Fluxrite® paste flux is available in 100g and 450g containers.

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 relevant Health and Safety Data Sheet (MSDS) available on request.

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