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Radiator Soldering Products

GRADE D Solder

Grade D Solder is a 29-30%Sn, 1.5-1.8%Sb, balance Pb. It is produced in a cast Blowpipe Strip suitable for hand soldering of tanks, and ingot form for dipping pots. Melting range is 185 to 248°C. Although other solder grades are available, Grade D solder offers good useability at an economic price and has been the industry standard for many years.

SN100C® Lead Free Solder

Many users are now seeking a Pb/Free solder alternative and SN100C® provides the solution. The alloy was developed and patented by Nihon Superior Co. Ltd of Japan. The alloy is based on the tin/copper eutectic, with the addition of a small quantity of nickel and germanium which modifies its behaviour to the extent that the resultant alloy exhibits fluidity and wetting properties comparable to that of the traditional tin/lead solder it is designed to replace. It is available in Blowpipe Strips, Bars and Ingots.

FF301 Soldering Flux

FF301 is a hydrobromic acid based flux which is free of heavy metal salts. It is ideal for hand soldering applications and being non-flammable can be safely heated by flame. It works equally as well with both lead containing and lead free solder alloys. Post soldering residues are non corrosive.

FFB1 Soldering Flux

FFB1 is a hydrobromic acid based flux with higher thermal performance and is ideally suited to applications where the radiator is baked in an oven for several minutes. It should not be used for hand soldering as the flux activity would not degrade due to the lack of thermal input..

B128 High Activity Soldering Flux

B128 is a ZnCl based flux which should only be used to initially tin steel frames or brackets The residues are corrosive and should be removed immediately after use.

D8 Stainless Steel Soldering Flux

D8 is a highly active flux designed for soldering stainless steel components.

Health and Safety

Standard handling precautions should be observed when using these materials. Eye and skin protection should be worn when handling and using soldering products. Avoid breathing fumes that are evolved during use. Ensure adequate extraction is provided in the workspace. For more detailed information consult the Material Safety Data Sheet (MSDS) for individual products which are available on request.

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