

OS204 Solder Stripper

DESCRIPTION

OS204 Solder Stripper is a single step, nonperoxide activated, nonchelated stripper designed to completely dissolve electroplated tin and tin/lead. It is effective on both fused and unfused deposits. OS204 is virtually free from exotherm as it dissolves solder. Because it gasses much less than peroxide type strippers, OS204 produces much sharper lines of demarcation between stripped and unstripped areas. This also reduces the chance of dark holes caused by attack of solder stripper fumes above the tape line when stripping solder from contact tips of printed circuit boards. OS204 leaves copper bright and does not attack the butter coat on printed circuit boards. Unlike peroxide activated solder strippers, used baths of OS204 do not “go flat” while standing idle. This makes OS204 ideal for intermittent stripping operations. OS204 contains no chelating agents, such as ammonium ions, so spent baths can be easily waste treated by simple pH adjustment.

OPERATING PARAMETERS

Concentration	Undiluted
Temperature	Ambient (70°F to 110°F)
Time	30 seconds to 5 minutes as required to remove solder

PHYSICAL PROPERTIES

Fill tank to desired level with undiluted OS204 Solder Stripper at ambient temperature. Immerse parts to be stripped into the bath for 30 seconds to 5 minutes or as required to completely dissolve the solder deposit. Gentle agitation of parts or solution will speed stripping action. Remove parts from the bath and allow excess stripper to drain back into the tank. Rinse immediately in fresh overflowing water or spray rinse with fresh water. Dry parts at once or protect exposed basis metal with a suitable antioxidant such as Tarn Guard. Proceed to solder mask or precious metal plating operations.

CONTROL PROCEDURES

As metal is dissolved in OS204 solution the active ingredients are consumed. When the stripping time becomes excessive, recharge the bath with fresh OS204 solution. OS-204 is designed for dip tank operations. If OS-204 is sprayed, excessive foaming will occur.

SAFETY AND STORAGE

Tanks and other equipment made of PVC, polypropylene, and polyethylene is satisfactory. OS204 attacks most metals and glass.

Contains strong acids that are corrosive to skin and eyes. Protective clothing such as impervious gloves, apron, boots, and chemical safety goggles should be worn when handling this product. In case of





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Product Data Sheet

accidental contact, flush with water. In case of eye contact, flush with water for 15 minutes and seek medical attention immediately. OS204 is harmful if swallowed. Avoid breathing vapors or mists.

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