

**ML1 ROLLER TINNING FLUX**

- Non-flammable
- Good cleanability in water
- Also suitable for dip soldering

ML1 Roller Tinning Flux is a water soluble liquid flux with activity intermediate between rosin based fluxes and zinc chloride based fluxes.

ML1 is effective on metals such as nickel, nickel iron and cobalt nickel iron as well as copper, brass, phosphor bronze and nickel silver.

APPLICATION

In addition to roller tinning, ML1 is suitable for dip soldering and tinning, or soldering with an iron, gas torch or in an oven.

FLUX RESIDUES

The active components of ML1 decompose to leave very small amounts of residue when heated to soldering temperatures. Under most conditions, these residues do not cause corrosion. However, if all of the flux is not heated to soldering temperatures, the residues are potentially corrosive. It is therefore advisable to remove all flux residues unless it is certain they have been heated to soldering temperature.

The flux residues are easily removed by washing in water, unless charred by overheating.

TECHNICAL SPECIFICATION

General Properties	ML1
Specific Gravity at 25°C	1.055
Solids Content	9%
% Halide (on solids)	2.6%
Flashpoint	Non-flammable
pH	<1

GENERAL INFORMATION

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

Note

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Henkel Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Henkel Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

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