



Harris Products Group

Technical Information Sheet

HARRIS 505 FLUX

GENERAL CHARACTERISTICS AND USES

Harris 500 flux is a water based flux formulation designed for soldering ferrous and non-ferrous metals except aluminum using common soft solders. Due to its non-corrosive nature it is suitable for soldering tinplated steel.

PHYSICAL DATA

- Color: Clear water-white liquid with no characteristic odor
- Specific gravity: 1.035 ± 0.02 @ 72°F
- pH: 3 - 4

APPLICATION

- Ready for use. No dilution needed.
- Apply to faying surfaces with brush.
- Low surface tension. Flux will spread readily

RESIDUE

- Non-corrosive residue

SPECIAL NOTES

Shelf life – at least one year in the unopened and undamaged container stored at room conditions

SPECIFICATION COMPLIANCE

INTERNAL SPECIFICATION

Safety Information

WARNING: protect yourself and others. Read and understand this information.

FUMES AND GASES can be hazardous to your health.

HEAT RAYS (INFRARED RADIATION) from flame or hot metal can injure eyes.

ELECTRIC SHOCK can kill.

- Before use, read and understand the manufacturer's instructions, Material Safety Data Sheets (MSDSs), and your employer's safety practices.
- Keep your head out of the fumes.
- Use enough ventilation, exhaust at the arc, flame, or work, to keep fumes and gases from your breathing zone and the general area.
- Wear correct eye, ear, and body protection.
- See American National Standard ANSI Z49.1, *Safety in Welding, Cutting, and Allied Processes*, published by the American Welding Society, 550 N.W. LeJeune Road, Miami, Florida 33126; OSHA *Safety and Health Standards*, are published by the U.S. Government Printing Office, 732 North Capitol Street NW, Washington, DC 20401.

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