

Flux



Specifications

DESCRIPTION

Superior low smoke, low odor formula rinses clean with water or a damp cloth. Does not contain grease, oil or wax so there is no build-up of residue. Excess flux and flux residues are completely water flushable as required by ASTM B-813. **Jel-flux** is a thick fluid that can be easily applied with supplied dauber to surfaces. Self-cleaning flux contains ammoniates to penetrate tough oil films and to clean surfaces prior to soldering. Prevents oxidation during heating, enhances uniform solder flow to form perfect, leak free joints. Non-drip, non-runny flux is lead-free and safe for potable water. Works with all commonly used solder alloys and most metals except aluminum. Does not freeze or decompose at high temperatures. Environmentally friendly.

Meets Commercial Item Description A-A-51145 (supersedes Fed. Spec. O-F-506).

Meets ASTM B-813*.

SIZES AND PACKING

STOCK NO.	SIZE	PACKING	WEIGHT/CASE
10810**	4 fl. oz.	24	9.5 lbs.
10815**	8 fl. oz.	24	17.8 lbs.

*The standard specification for liquid and paste fluxes for soldering copper and copper alloys.

** Dauber in Cap

jel-flux™

jel-flux™

Flux

SPEC SHEET #S00006



APPROVALS AND LISTINGS

Meets Commercial Item Description A-A-51145 (supersedes Fed. Spec. O-F-506). Meets ASTM B-813.

SPECIFIC USES

Use **Jel-flux** for soldering copper, brass, galvanized tin, zinc and most commonly soldered metals.

SPECIFIC APPLICATIONS*

Jel-flux is a self-cleaning, lead-free, non-drip, liquid flux for use with all commonly used solder alloys. Rinses clean with water. Leaves no organic residue.

PHYSICAL PROPERTIES

Solubility in water: 100% miscible in water.
Appearance/color/odor: Thick, low flow liquid. Translucent yellow color. Odorless.

WARNINGS OR CAUTIONS

- Read all cautions and directions carefully before using product.
- **Keep out of reach of children.**
- Contains zinc chloride. Harmful if swallowed, can cause severe internal damage.
- Eye contact can cause irritation, discomfort, blurred vision.
- Prolonged skin contact can cause irritation with rash.
- Avoid inhaling fumes while soldering.
- Use dauber or brush; do not apply with fingers. Wash hands after using.

DIRECTIONS FOR USE

Apply a coat of **jel-flux** to surfaces to be soldered. When soldering copper tube and fittings, square cuts, no burrs, proper fit and clean surfaces assure best results. Heat joint only until hot enough to melt solder in contact with metal on opposite side of fitting. Remove heat and feed sufficient solder into the joint. Reheat only if necessary to add more solder. Gently wipe off excess molten solder and flux residue.

MATERIAL SAFETY INFORMATION

FOR MORE INFORMATION ON THIS PRODUCT, REQUEST MATERIAL SAFETY DATA SHEET (MSDS) #6

For Delivery by Fax	Call 1-800-942-4636
Internet	See MSDS section of www.herchem.com
Mail	Contact Hercules at address below or any Hercules representative.

HMIS Hazard warning 2-0-1-C

INGREDIENTS	CAS#
Zinc Chloride	7646-85-7
Ammonium Chloride	12125-02-9
Propylene Glycol	57-55-6
NJ-T.S.R. #31348300	5002P, 5025P

* For special applications which may not be covered on this or other Hercules literature, please contact Hercules Technical Services Department by phone at 1-800-221-9330 or send a fax to 1-800-333-3456.



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ISO 9001: 2000 Certified

