

## HCC Holdings, Inc.

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### JEL-FLUX® Flux

Date: August 2017

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\*.



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

### APPROVALS & 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.

\*For special applications which may not be covered on this or other Oatey literature, please contact Oatey Technical Services Department by phone 1-800-321-9532, or fax 1-800-321-9535, or visit our technical database web-site at [www.Oatey.com](http://www.Oatey.com).

**SIZE & PACKING**

STOCK NUMBER	SIZE	PACKING	WEIGHT/CASE
10810*	4 fl. oz.	24	9.5 lbs.
10815*	8 fl. oz.	24	17.8 lbs.

\*Dauber in Cap

**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.

**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.

**MATERIAL SAFETY INFORMATION**

**FOR MORE INFORMATION ON THIS PRODUCT, REQUEST SAFETY DATA SHEET (SDS) #1615E**

For Delivery By Fax	Call 1-800-321-9535
Internet	See SDS section of <a href="http://www.Oatey.com">www.Oatey.com</a>

**HMIS® ratings** Health: 3  
 Flammability: 0  
 Physical hazard: 0