

## HCC Holdings, Inc.

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## CLIMATE SMOOTH™ Soldering Paste

Date: August 2017

Lead-free, non-acid soldering flux. Applies easily to all surfaces, smooth, non-runny soldering paste cleans as it fluxes. Use **Climate Smooth** for sweat soldering on most common soldering metals including copper, brass, galvanized, tin, zinc and more. Specially formulated to be brushable at extreme temperatures all year long in virtually all climates. Retards and dissolves oxides during heating, even penetrates light oil film. Solders spread faster and more uniformly in the joint when used with **Climate Smooth**. Works with all solders, including higher melting, non-lead bearing alloys, plus 95/5, 50/50, 40/60 and 60/40 solders.



## APPROVALS & LISTINGS

Conforms to Commercial Item Description A-A-51145 (supersedes O-F-506C).

## SPECIFIC USES

Use **Climate Smooth** for sweat soldering on most common metals. Brushable in cold or hot climates all year long.

## SPECIFIC APPLICATIONS\*

**Climate Smooth** is a self-cleaning, lead-free formula made to withstand extreme temperatures when soldering.

\*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).

## DIRECTIONS FOR USE

Apply thin coat of soldering paste to surface to be soldered. When soldering tubes and fittings, a square cut, no burrs, proper fit and clean surface assure best results. Heat to proper temperature for soldering. Feed sufficient solder into the joint. Allow to cool. Use a damp cloth to wipe flux residue. Note: To avoid residual corrosion avoid excessive use of flux, especially on cold water piping.

## PHYSICAL PROPERTIES

Melting point: 120°-140°F  
 Solubility in water: Very slightly soluble  
 Appearance/color/odor: Amber to brown color paste. No odor

## WARNINGS OR CAUTIONS

- Read all cautions and directions carefully before using product.
- **Keep out of reach of children.**
- NOT for use with aluminum and some grades of stainless steel.
- Harmful if swallowed, can cause severe internal damage.
- Eye contact can cause irritation, discomfort, and blurred vision.
- Prolonged skin contact can cause irritation with rash.
- Avoid inhaling fumes while soldering.
- Use brush; do not apply with fingers.
- Wash hands after use.
- Do not use **Climate Smooth** where codes require water flushable flux. Use **Hercules H2OFlux™** for those applications.

## MATERIAL SAFETY INFORMATION

FOR MORE INFORMATION ON THIS PRODUCT, REQUEST SAFETY DATA SHEET (SDS) #7390E

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

## SIZE & PACKING

STOCK NUMBER	SIZE	PACKING	WEIGHT/CASE
10608*+	2 oz.	48	9.0 lbs.
10616	1/2 lb.	24	14.0 lbs.
10619+	9 oz.	24	15.9 lbs.
10621	1 lb.	24	28.0 lbs.

\*Display +Screw Cap w/Brush