



**T H E H A R R I S P R O D U C T S G R O U P**  
**A L I N C O L N E L E C T R I C C O M P A N Y**  
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**TECHNICAL SPECIFICATION SHEET**

ISO 9002  
 Cert. No. 31598

**HARRIS BRIDGIT® BURN RESISTANT SOLDERING FLUX**

**STATEMENT OF LIABILITY- DISCLAIMER**

Any suggestion of product applications or results is given without representation or warranty, either expressed or implied. Without exception or limitation, there are no warranties of merchantability or of fitness for particular purpose or application. The user must fully evaluate every process and application in all aspects, including suitability, compliance with applicable law and non-infringement of the rights of others. The Harris Products Group and its affiliates shall have no liability in respect thereof.

**DESCRIPTION/DIRECTIONS:**

A brazing flux in powder form designed for torch brazing aluminum. It is typically used to braze common aluminum base materials such as 1100, 3003, and 6061. It has a working temperature range of 915 to 1115 degrees F. It is recommended for use with aluminum brazing filler metals 4047 (718) and 4145. Flux can be sprinkled dry on the part or can be mixed with water or methyl, ethyl or isopropyl alcohol to form a paste.

**Physical Properties:**

Specific Gravity	@70°F 1.169	Melting Point	140°F (60°C)
Density	8.62 lbs./ gal.	Reid Vapor Pressure (psig)	@ 100°F .1
PH	2.40	Redues	May be corrosive
Soldering Temperature Range	200 -800°F (93-427°C)		

**SOLDERING PROPERTIES:**

Bridgit paste flux stays active to 800°F. At soldering temperature, including those required by most new lead-free solders, Bridgit flux will not burn, thus reducing carbon formations that may result in leaks. The flux is unexcelled for use in soldering copper, brass, bronze, galvanized and other plumbing fittings. This flux works extremely well with Bridgit lead-free solder in potable water systems. This flux, however, should work equally well with other solders. Bridgit paste flux meets all requirements of the Safe Drinking Water act.

**AVAILABLE FORMS:**

4 oz. brush cap dispenser	24/carton
1# containers	12/carton

**SPECIFICATIONS:**

HARRIS Internal

**WARNING: CONTAINS CHLORIDES . PROTECT yourself and others. Read and understand this information.**

All statements, information and data given are believed to be accurate and reliable but are presented without guarantee, warranty or responsibility of any kind, expressed or implied.

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FUMES AND GASES can be hazardous to your health. Burns eyes and skin on contact.

CAN BE FATAL IF SWALLOWED

- Before use, read and understand the manufacturer's instructions, Material Safety Data Sheet (MSDSs), and your employer's safety practices.
- Keep your head out of fumes.
- Use enough ventilation, exhaust at the flame, or both, to keep fumes and gases from your breathing zone and the general area.
- Avoid contact of flux with eyes and skin.
- Do not take internally.
- Keep children away when using
- See American National Standard 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, available from the U.S. Government Office, Washington, DC 20402

*First Aid:* If contact in eyes, flush immediately with water for 15 minutes. If swallowed, induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

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