



!!!! WARNING !!!!



WELDING FUMES AND GASES CAN BE DANGEROUS TO YOUR HEALTH.

BEFORE USING THIS PRODUCT THE WELDER (END-USER) MUST READ AND UNDERSTAND THE COMPLETE PRODUCT WARNING LABEL AND MATERIAL SAFETY DATA SHEET (MSDS).

THE MATERIAL SAFETY DATA SHEET (MSDS) WHICH OUTLINES THE POTENTIAL HEALTH HAZARDS AND SAFETY INFORMATION RELATED TO THIS PRODUCT CAN BE DOWNLOADED FROM THE MSDS PORTION OF THIS WEBSITE. IT IS ALSO AVAILABLE FROM YOUR EMPLOYER AND WELDING SUPPLY DISTRIBUTOR.

DO NOT PROCEED WITH USE OF THIS PRODUCT UNTIL YOU READ AND UNDERSTAND THE MATERIAL SAFETY DATA SHEET (MSDS) AND PRODUCT WARNING STATEMENT.

BE SURE TO CONSULT THE LATEST VERSION OF THE MSDS.

SEE THE PRODUCT WARNING LABEL AND MSDS FOR COMPLETE WARNING INFORMATION.



CROWN ALLOYS

COMPANY

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Crown Sil-Cop 0

**Brazing Alloy for Copper, Brass and Bronze
For Torch Application**

Typical Applications:

Crown Sil-Cop 0 has self-fluxing properties when joining copper to copper. When joining copper to brass use the **Crown 45 Flux**. This alloy is not recommended for moving or vibrating joints. Use either **Crown Sil-Cop 5** or **Crown Sil-Cop 15** for those applications.

Specifications:

AWS A 5.8
BCuP-2

| | |
|-------------|----------|
| Phosphorous | 7.0-7.5 |
| Copper | Balance |
| Others | 0.15 max |

| | |
|--------------------|---------------|
| ➤ Liquidus | 1471 ± 6°F |
| ➤ Solidus | 1310°F |
| ➤ Brazing Range | 1350°F-1500°F |
| ➤ Tensile Strength | 93,000 PSI |
| ➤ Elongation | 32% |

Procedure:

Clean joint area. Use **Crown 45 Flux** on brass and bronze parts. Use a large tip. Heat broadly until the copper sweats or flux liquefies. Apply sufficient alloy to fill the joint.

Sizes:

1/16 x 36"
3/32 x 36"
1/8 x 36"