



!!!! 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 5

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

Typical Applications:

Crown Sil-Cop 5 is used for thin flowing self-fluxing applications on copper to copper joints. Can also be used on brass with **Crown 45 Flux**. Excellent for repairing electrical motors.

Specifications:

AWS A 5.8

BCuP-3

Phosphorous	5.8-6.2
Silver	4.8-5.2
Copper	Balance
Others	0.15 max

➤ Liquidus	1485°F
➤ Solidus	1190°F
➤ Brazing Range	1300°F-1550°F
➤ Tensile Strength	92,000 PSI
➤ Elongation	24%

Procedure:

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

Crown Sil-Cop 5 is the most versatile of the Phos-Copper alloys because of its high strength and good ductility at a moderate price.

Sizes:

1/16 x 36"

3/32 x 36"

1/8 x .050 x 18"

1/8 x 36"