



**!!!! 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 126**

**Low-Fuming Brass-Nickel Brazing Alloy  
For Torch Application**

### **Typical Applications:**

**Crown 126** is used to fabricate or repair steels, cast iron, copper, copper base alloys, galvanized and malleable irons, nickel, nickel alloys, stainless steel or any combination of these. The **Crown 126** contains additions of iron and manganese which serve to increase the hardness and strength. A small amount of silicon has been added to control vaporization of the zinc, yielding the "low-fuming" property. Nickel has been added to assure uniform distribution of the iron in the deposit thus making the **Crown 126** far superior for cast iron repairs such as those found in the press industry. **Crown 126** is also used for the surfacing of steel.

### **Specifications:**

AWS A5.8/A5.8M:2004

**RB CuZn-B**

- |                       |                  |
|-----------------------|------------------|
| ➤ Tensile Strength    | Up to 65,000 PSI |
| ➤ Working Temperature | 1620°F to 1800°F |

### **Procedure:**

Clean joint area. Heavy sections should be beveled for best results. The **Crown 126** should be heated and then dipped in the **Royal Tiger Flux #3** when brazing on steel, copper, brass, bronze or stainless steel. Dip the **Crown 126** into the **Royal Tiger Flux #4** when brazing on malleable or cast irons. Heat the coated rod until flux melts into the brazing area. After flux turns to a clear liquid, a small amount of the alloy should be melted off. Continue this process until repair is completed.

### **Sizes:**

3/8 - bare only