

FOR IMMEDIATE RELEASE

Contact: R.S. Ponton, CEO/Engineering Director

AN *ICE* PRODUCT NEWS RELEASE

ICE Announces Its Alloy Braze

ICE™ (International Carbide & Engineering, Inc.) has developed a low-cost Alloy Braze to replace expensive silver solder for attaching carbide teeth to sawblades and cutters. This cuts the cost of sawblade repairs, while still maintaining quality.

Describing the advantages of Alloy Braze, *ICE* President Bob Ponton explained that the conventional method of bonding carbide cutting teeth has been to use 50 % silver solder braze, which is expensive because of the high silver content, and dangerous because of the obnoxious and lethal cadmium fumes it emits. "Alloy Braze contains no cadmium and is available in both a $\frac{1}{16}$ inch (1.6 mm) diameter wire (*ICE* #1160-1) and a paste which is premixed with flux (*ICE* # 809). Both of these Alloy Braze forms are similar to the well-known silver braze forms that they replace," he said. According to *ICE*, Alloy Braze performs well with all four types of brazing currently in use: gas (torch), electrical induction, electrical resistive, and furnace.

ICE's Alloy Braze requires a higher bonding temperature (approximately 200° higher) but has a tensile strength of approximately double that of silver braze. In today's competitive world, everyone is searching for ways to cut costs while still maintaining quality. "The bottom line is a soldering alloy that costs from one-fifth to one-third as much as common silver solder, while delivering a bond with a significantly stronger tensile strength," the engineering director explained.

For additional information please contact the Engineering Group at *ICE*, 5000 Main Street, P.O. Box 216, Drakes Branch, VA 23937-0216, or call corporate sales at 434-568-3311, 800-424-3311, Fax 434-568-3421 or E-mail ice-va@ice-va.com

###