



Warranty and Disclaimer

The information contained in this book is based on data collected from countless hours of research and testing in controlled environments. Since the application and use of these products is beyond our control after shipment from our warehouse, the user must completely evaluate each product, procedure and application to determine suitability for his particular use. The information in this book is presented without warranty expressed or implied as to merchantability or of fitness for any particular purpose. Hi-Alloy Weld Specialties and its affiliates will not be responsible for any consequential or indirect damages from their use, including but not limited to, use in violation of applicable laws and regulations.

Health Hazard Warning

The products described in this book contain, or will produce during their use, one or more toxic substances. Some of these substances are known to, or are suspected to; cause cancer, birth defects or other reproductive harm and other health related problems. For detailed information on a specific product read the Material Safety Data Sheet for the particular product.

- Before use, read and understand the materials Material Safety Data Sheet (MSDS), the manufacturer's instructions and your employer's safety practices.
- If MSDS is not enclosed, obtain one from your employer.
- Fumes and gases can be dangerous to your health. Certain medical studies have suggested that lung damage can result from exposure to welding fumes and gases
- Keep your head out of the fumes. See the MSDS for specific fume concentration limits.
- Use enough ventilation exhaust at the arc or both to keep fumes and gases from your breathing zone and general area. If needed, use a proper respirator.
- Always wear dry insulating gloves.
- Insulate yourself from work and ground.
- Do not touch live electrical parts.
- Wear welding helmet with correct filter lens.
- Wear correct eye, ear and body protection.
- Heat rays (infrared radiation from flame or hot metal) can injure eyes and burn skin.
- Do not weld near flammable material.
- Watch for fire, keep extinguisher nearby.

This product, when used for welding or cutting, produces fumes or gases which may contain chemicals known to the state of California to cause birth defects (or other reproductive harm) and in some cases cancer. (California Health & Safety Code 25249.5 et seq.)

Read American National Standards Z49.1, "Safety in Welding Cutting and Allied Processes," from American Welding Society, 550 N.W. LeJeune Rd., Miami, FL 33126; OSHA Safety and Health Standards, 29 CFR 1910, from U.S. Government Printing Office, Washington, DC 20402.