

MATERIAL SAFETY DATA SHEET

May 27, 2004

Attn: Safety Director

Conforms to requirements with the Federal OSHA Hazard Communications Standard 29 CFR 1910.1200

**SECTION I – PRODUCT IDENTIFICATION**

This MSDS is supplied for: Galvanized Steel

Vendor Name and Address: ABT, Inc.  
P.O. Box 837, Murdock Road  
Troutman, NC 28166

Emergency Phone Number: (704) 528-9806

**SECTION II – HAZARDOUS COMPONENTS**

None – No hazardous material is present in a concentration greater than 1%.

**SECTION III – OVERVIEW**

Silver – Gray Solid

Boiling Point: 1663° F (907° C)  
Melting Point: 785° F (419° C)  
Specific Gravity: Approximately 7.14

**SECTION IV – FIRE AND EXPLOSION HAZARD DATA**

When heated to temperatures nearing boiling point, zinc oxide fumes are produced. Self-contained breathing apparatus is advised to avoid over-exposure to fumes. Zinc oxide fumes may cause flu-like symptoms. Symptoms usually disappear within 24 to 48 hours.

**SECTION V – HEALTH HAZARD DATA**

Caution is advised when welding galvanized steel to ensure that proper ventilation is provided, as described in the American Welding Society Specification ANSI Z49.1-1983, paragraphs 8.3 and 8.4. Excessive exposure to fumes may cause flu-like symptoms. Any person or persons so exposed should be removed from the exposure and referred for medical treatment.

**SECTION VI – REACTIVITY DATA**

Direct contact with acids/alkalies should be avoided. In some instances, hydrogen gas is produced.

**SECTION VII – SPILL OR LEAK PROCEDURES**

No special handling is required.

**SECTION VIII – SPECIAL PROTECTION INFORMATION**

None.

**SECTION IX – SPECIAL PRECAUTIONS OR OTHER COMMENTS**

Use material handling equipment, as required, to avoid lifting injuries.  
Very close contact of zinc and stainless steel at temperatures above 1380° F (750° C) can cause zinc diffusion into stainless steel.

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This MSDS was prepared on 5/27/04 by  
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