



MATERIAL SAFETY DATA SHEET (MSDS)

For Welding Consumables and Related Products
Conforms to OSHA Hazard Communication Standard 29CFR 1910.1200
Standard Must Be Consulted for Specific Requirements

SECTION I – IDENTIFICATION

Manufacturer/Supplier: Washington Alloy Company	Telephone No: 704-598-1325
Address: 7010-G Reames Road, Charlotte, NC 28216	Emergency No: 704-598-1325
Trade Name:	Specification:
Soapstone	N/A

SECTION II

HAZARDOUS INGREDIENTS/Identity Information

IMPORTANT: This section covers the materials from which the product is manufactured. The fumes and gases product during welding with the normal use of this product are covered under Section V. The term “HAZARDOUS MATERIALS” should be interpreted as a term required and defined in OSHA HAZARD COMMUNICATIONS STANDARD 29 CFR 1910.1200 however the use of this term does not necessarily imply the existence of any hazard.

Ingredients of The Product	CAS No.	Exposure Limit (mg/m ³)	
		OSHA PEL	ACGIH TLV
Soapstone (Rare Earth Minerals)	N/A	N/A	N/A
ACGIH TWA dust (inhalable = 6 mg/m ³ & respirable = 3 mg/m ³)			

Occupational Safety and Health Administration 29 CFR 1910.1000 Permissible Exposure Limit (PEL). American Conference of Governmental Industrial Hygienists (ACGIH)

SECTION III - PHYSICAL DATA

Solid Flat or Round Whitish gray

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Non-Flammable: Welding arc and sparks can ignite combustibles. See Z-49.1 referenced in Section VI.

SECTION V – REACTIVITY DATA

Hazardous Decomposition Products

Stable with no known conditions to avoid

SECTION VI– HEALTH HAZARD DATA

Threshold Limit Value: The ACGIH recommended general limit for welding fume NOC (Not otherwise classified) is 5 mg/m³. ACGIH1985 preface states: “The TLC-TWA should be used as guides in the control of health hazards and should not be used as fine lines between safe and dangerous concentrations.” See section II for specific fume constituents, which may modify this TLV.

Common Entry is by Inhalation with possible irritation

Emergency and First Aid Procedures: Call for medical assistance. Use first aid procedures recommended by the American Red Cross. If breathing is difficult – give oxygen. If not breathing–use CPR (cardiopulmonary resuscitation). Consult a physician if irritation of the eyes or skin develops after exposure.

Carcinogenicity -California Proposition 65 - These products contains no chemicals known to the State of California to cause cancer, and/or birth defects (or other reproductive harm). (Health and Safety Code section 25249.5 et seq.)

SECTION VII – CONTROL MEASURES AND PRECAUTIONS FOR SAFE HANDLING AND USE

Read and understand the manufacturer’s instructions and precautionary label on this product and your employer’s safety practices. See American Standard Z49.1 Safety in Welding and Cutting, published by the AMERICAN WELDING SOCIETY, 550 N.W. LeJeune Road, Miami, Florida 33126 and OSHA Publication 2206 (29 CFR1910), U.S. Government Printing Office, Superintendent of Documents, P.O. Box 37954, Pittsburg, Pa 15250-7954 for more details on the following topics.

Ventilation: Use plenty of ventilation and/or local exhaust for worker’s breathing zone and the general work area. Welders should be advised to keep their head out of fumes or dust.

Respiratory Protection: Use respirable fume respirator if dust is present

Eye Protection: Wear Safety Glasses

Protective Clothing: Wear approved head, hand and body protection, which help to prevent injury. See ANSI Z-49.1.

Waste Disposal Method: Discard any product, residue, disposal container, or liner in an environmentally acceptable manner approved by Federal, State and Local regulations.

Washington Alloy Co. believes that the information contained in this Material Safety Data Sheet (MSDS) is accurate.

However, Washington Alloy Co. does not express or imply any warranty with respect to this information.

Download the most current MSDS and product information @ www.weldingwire.com