

MATERIAL SAFETY DATA SHEET
FILLER METALS AND WELDING RODS

DATE PREPARED: 11/25/85

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA 20)

SECTION I	
Manufacturer's Name: <u>THERMACOTE WELCO</u>	Emergency Telephone No. <u>704-739-6421</u>
Address: <u>HWY 161, YORK ROAD, KINGS MTN., N.C. 28086</u>	
Trade Name: <u>1509</u>	

SECTION II - HAZARDOUS INGREDIENTS					
Covering or Flux	WT %	TLV (Units) Mg/M3	Other CAS NO.	WT %	TLV (Units) Mg/M3
			Zinc 1314-13-2	17.5	5.0
			Cadmium 1306-19-0	82.5	C 0.05

SECTION III - PHYSICAL DATA
NOT APPLICABLE

SECTION IV - FIRE AND EXPLOSION HAZARD DATA
NOT APPLICABLE

SECTION V - HEALTH HAZARD DATA

Effects of Overexposure: Faintness, possible nausea, short term. Long term may affect pulmonary function and/or may cause metal fume fever.

Emergency & First Aid Procedures: Remove to fresh air, call physician

Carcinogenicity: NTP -Yes; IARC -Yes; OSHA -No.

SECTION VI - REACTIVITY DATA

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid): NONE

Hazardous Decomposition Products: Overheating will produce zinc and cadmium fumes.

See AWS handbook Section I page 9.24-9.30

Hazardous Polymerization: NOT APPLICABLE

SECTION VII - SPILL OR LEAK PROCEDURES

NOT APPLICABLE

SECTION VIII - SPECIAL PROTECTION INFORMATION (See Note)

Respiratory Protection (specify type) Weld Fume Respirator or Airline Respirator for confined space or where exposures are above TLV.

Ventilation:

Local Exhaust: Yes, in confined spaces

Mechanical (general): Yes, where exposures exceed TLV

Eye Protection: Colored Adsorptive Lens No. 4 to 6

Protective Gloves: Welder's Protective Gloves

Other Protective Equipment: Protective Clothing - Leather Apron

SECTION IX - SPECIAL PRECAUTIONS (See Note)

Other Precautions: Arc & Sparks could be source of ignition of combustible products.

NOTE: Reference is directed, without endorsement or recommendation, to the ANSI Standard Safety in Welding & Cutting Z49.1-1973 (American Welding Society Publication Z49.1-1973).