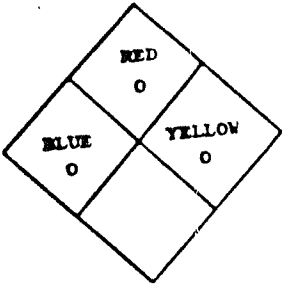


ampco metal

1745 South 38th Street
 P.O. Box 2004
 Milwaukee, WI 53201
 414/645-3750
 Telex 026-623
 TWX 910-262-3164

7, 10, 150,
 200, 250, 300
BARE

MATERIAL SAFETY DATA SHEET



SECTION I

MANUFACTURER'S NAME Ampco Metal Division, Milwaukee	EMERGENCY TELEPHONE NO. 414-645-3750
ADDRESS (Number, Street, City, State, and ZIP Code) 1745 So. 38th Street, P.O. Box 2004, Milwaukee, WI 53201	
CHEMICAL NAME AND SYNONYMS Not applicable (N/A)	TRADE NAME AND SYNONYMS Weld Filler Metal (see note)
CHEMICAL FAMILY N/A	FORMULA Cu-Al-Fe

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	N/A		BASE METAL	N/A	
CATALYST	N/A		ALLOYS	N/A	
VEHICLE	N/A		METALLIC COATINGS	N/A	
SOLVENTS	N/A		FILLER METAL, Bare	100	
ADDITIVES	N/A		OTHERS		
OTHERS Note: Ampco Trodes 7, 10, 150, 200, 250 and 300					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	N/A
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	N/A
SOLUBILITY IN WATER	N/A		
APPEARANCE AND ODOR Odorless. Filler metal bronze color			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	N/A	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA	N/A			
SPECIAL FIRE FIGHTING PROCEDURES	N/A			
UNUSUAL FIRE AND EXPLOSION HAZARDS None				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE N/A

EFFECTS OF OVEREXPOSURE May cause chills

EMERGENCY AND FIRST AID PROCEDURES
Move to well ventilated area and call physician.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (Materials to avoid) None

HAZARDOUS DECOMPOSITION PRODUCTS None

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED N/A

WASTE DISPOSAL METHOD N/A

SECTION VIII - SPECIAL PROTECTION INFORMATION


RESPIRATORY PROTECTION (Specify type) None with adequate local ventilation.

VENTILATION	LOCAL EXHAUST	SPECIAL
	regular	
	MECHANICAL (General)	OTHER
	General area to have adequate ventilation	
PROTECTIVE GLOVES	Flameproof	EYE PROTECTION
		Welding helmet over safety glasses.
OTHER PROTECTIVE EQUIPMENT		
See ANSI Standard Z49.1, Safety in Welding and Cutting		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING None

OTHER PRECAUTIONS


 Authorized Representative