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U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME: Crescent Bronze Powder Co.	EMERGENCY TELEPHONE NO.: (312)539-2441
ADDRESS (Number, Street, City, State, and ZIP Code): 3400 N. Avondale Ave, Chicago, IL 60618	
CHEMICAL NAME AND SYNONYMS: Bronze Powder	TRADE NAME AND SYNONYMS: Extra Brill. Palegold #251
CHEMICAL FAMILY: Brass Alloy	FORMULA: 90/10 Alloy Cu/Zn

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	3,270F	SPECIFIC GRAVITY (H_2O=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	None		
APPEARANCE AND ODOR			

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	N/A	FLAMMABLE LIMITS	Lel / Uel

EXTINGUISHING MEDIA
Dry sand or other approved dry extinguishing materials

SPECIAL FIRE FIGHTING PROCEDURES
Avoid application of extinguishing media in such a manner as to disturb the burning material. Disturbance of the burning powder or that adjacent thereto must be avoided.

UNUSUAL FIRE AND EXPLOSION HAZARDS
High density dust cloud may be hazardous near high energy ignition source.

(Continued on reverse side)

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 1 mg/M^3

EFFECTS OF OVEREXPOSURE
Sneezing, nose and throat irritation-transitory.

No known lasting effects.

EMERGENCY AND FIRST AID PROCEDURES
Remove from exposure - allow rest.

SECTION VI - REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
	UNSTABLE		Avoid contact w/mineral acids and other
	STABLE	X	copper/zinc reactive agents.

INCOMPATABILITY *(Materials to avoid)*
Mineral acids/other strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

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
Confine spill. Treat to subdue dusting. No extraordinary precautions required.

WASTE DISPOSAL METHOD
Burial recommended.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*
Dust mask for non-toxic dust down to 1 micron.

VENTILATION	LOCAL EXHAUST	SPECIAL
	Grounded against static	
	MECHANICAL *(General)*	OTHER
	Explosion proof electrical	

PROTECTIVE GLOVES: Not required

EYE PROTECTION: Goggles as required

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Keep sealed when not in use. Store in cool, dry space in sealed containers.

OTHER PRECAUTIONS

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