

DATE PREPARED 11/25/85

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health AdministrationForm Approved  
OMB No. 44-R1387

## MATERIAL SAFETY DATA SHEET

C61036

## SECTION I

MANUFACTURER'S NAME THERMACOTE - WELCO COMPANY		EMERGENCY TELEPHONE NO. 704-739-6421
ADDRESS (Number, Street, City, State, and ZIP Code) HWV 161 YORK ROAD POB 112 KINGS MOUNTAIN NORTH CAROLINA		
CHEMICAL NAME AND SYNONYMS N.A.		TRADE NAME AND SYNONYMS WELCO 201
CHEMICAL FAMILY Alloy of Silver, Copper, Zinc	FORMULA N.A.	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			Ag - CAS #7440-22-4 (2, 4)	45	.01 Mg/M <sup>3</sup> as Ag
CATALYST			Cu - " #7440-50-8 (2, 4)	30	.1 Mg/M <sup>3</sup> as Cu
VEHICLE			Zn - " #7440-66-6 (5)	25	5 Mg/M <sup>3</sup> as Zn Oxide Fume
SOLVENTS					
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	Liquidus Solidus	1370°F 1225°F	SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	9.15
VAPOR PRESSURE (mm Hg.)		N.A.	PERCENT. VOLATILE BY VOLUME (%)	N.A.
VAPOR DENSITY (AIR = 1)		N.A.	EVAPORATING RATE (____ = 1)	N.A.
SOLUBILITY IN WATER		Negligible		
APPEARANCE AND ODOR				

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA N.A.

FLASH POINT (Method used)	FLAMMABLE LIMITS	Let	Uel
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES			
USUAL FIRE AND EXPLOSION HAZARDS			

(Continued on reverse side)

## SECTION V - HEALTH HAZARD DATA N.A.

## THRESHOLD LIMIT VALUE

See Section II

## EFFECTS OF OVEREXPOSURE

Zinc vapors when heated form zinc oxide. When inhaled can cause habituation.

## EMERGENCY AND FIRST AID PROCEDURES

Keep patient warm and obtain medical attention.

## SECTION VI - REACTIVITY DATA

## STABILITY

UNSTABLE

STABLE

X

CONDITIONS TO AVOID

## INCOMPATIBILITY (Materials to avoid)

N.A.

## HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS  
POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

X

CONDITIONS TO AVOID

## SECTION VII - SPILL OR LEAK PROCEDURES N.A.

## STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

No hazards from spills.

## WASTE DISPOSAL METHOD

Has reclaim value as scrap due to silver and copper content.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

## RESPIRATORY PROTECTION (Specify type)

In confined space use air supplied respirator.

## VENTILATION

LOCAL EXHAUST

X

MECHANICAL (General)

X

SPECIAL

N.A.

OTHER

## PROTECTIVE GLOVES

X

## EYE PROTECTION

X

## OTHER PROTECTIVE EQUIPMENT

Provide good ventilation and avoid overheating while brazing.

## SECTION IX - SPECIAL PRECAUTIONS N.A.

## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

## OTHER PRECAUTIONS