

MATERIAL SAFETY DATA SHEET

Revised: 10/5/84

SECTION I

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| MANUFACTURER'S NAME THERMACOTE- WELCO | | EMERGENCY TELEPHONE NO. 704-739-6421 |
| ADDRESS (Number, Street, City, State, and ZIP Code) HWY 161, YORK RD., KINGS MOUNTAIN, N.C. 28086 | | |
| CHEMICAL NAME AND SYNONYMS N.A. | | TRADE NAME AND SYNONYMS WELCO - 200 |
| CHEMICAL FAMILY Alloy of Silver, Copper, Zinc, Tin | 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) | 56 | .01 mg/m ³ as Ag |
| CATALYST | | | Cu - " #7440-50-8 (2, 4) | 22 | .1 mg/m ³ as Cu |
| VEHICLE | | | Zn - " #7440-66-6 (5) | 17 | .5 mg/m ³ as Zn Oxide Fur |
| SOLVENTS | | | Sn - " #7440-31-5 (4) | 5 | .2 mg/m ³ as Sn |
| ADDITIVES | | | | | |
| OTHERS | | | | | |
| HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES | | | | % | TLV (Units) |
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SECTION III - PHYSICAL DATA

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| BOILING POINT (°F.) | N.A. | SPECIFIC GRAVITY (H ₂ O = 1) | 9.49 |
| 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.

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| FLASH POINT (Method used) | FLAMMABLE LIMITS | Lel | Uel |
| EXTINGUISHING MEDIA | | | |
| SPECIAL FIRE FIGHTING PROCEDURES At high temperatures this alloy could melt and continuous heating could produce metal vapor. | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | | | |
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(Continued on reverse side)

| SECTION V - HEALTH HAZARD DATA | |
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| THRESHOLD LIMIT VALUE See Section II | |
| EFFECTS OF OVEREXPOSURE Zinc vapors when heated form zinc oxide. When inhaled can cause habituation which you become immune to. | |
| EMERGENCY AND FIRST AID PROCEDURES Keep patient warm and get medical attention. | |
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| SECTION VI - REACTIVITY DATA | | | |
|--|----------------|---|---|
| STABILITY | UNSTABLE | | CONDITIONS TO AVOID |
| | STABLE | X | |
| INCOMPATABILITY (Materials to avoid) N.A. | | | |
| HAZARDOUS DECOMPOSITION PRODUCTS Zinc vapors while brazing. | | | |
| HAZARDOUS POLYMERIZATION | MAY OCCUR | | CONDITIONS TO AVOID Avoid overheating while brazing to |
| | WILL NOT OCCUR | X | minimize zinc vaporization. |
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| SECTION VII - SPILL OR LEAK PROCEDURES | |
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| STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED No hazards from spills. | |
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| WASTE DISPOSAL METHOD Has reclaim value as scrap due to silver and copper content. | |
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| SECTION VIII - SPECIAL PROTECTION INFORMATION | | | |
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| RESPIRATORY PROTECTION (Specify type) In confined space use air supplied respirator. | | | |
| VENTILATION | LOCAL EXHAUST | X | SPECIAL N.A. |
| | MECHANICAL (General) | X | OTHER |
| PROTECTIVE GLOVES | X | EYE PROTECTION | X |
| OTHER PROTECTIVE EQUIPMENT Provide good ventilation and avoid overheating while brazing. | | | |

| SECTION IX - SPECIAL PRECAUTIONS N.A. | |
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| PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING | |
| | |
| OTHER PRECAUTIONS | |
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