

THERMACOTE- WELCO CO, SUB OF FOSTER WHEELER CORP -- W 1200 (RG 60) --
3439-00-246-0566

===== Product Identification =====

Product ID:W 1200 (RG 60)

MSDS Date:07/12/1990

FSC:3439

NIIN:00-246-0566

MSDS Number: BKHJS

=== Responsible Party ===

Company Name:THERMACOTE- WELCO CO, SUB OF FOSTER WHEELER CORP

Address:1051 YORK RD

City:KINGS MOUNTAIN

State:NC

ZIP:28086

Country:US

Info Phone Num:704-739-6421

Emergency Phone Num:704-739-6421

CAGE:3U142

=== Contractor Identification ===

Company Name:HOLOX

Address:4310 N PALAFOX

Box:8284

City:PENSACOLA

State:FL

ZIP:32505-2921

Country:US

Phone:904-438-1436

CAGE:9F235

Company Name:THERMACOTE- WELCO CO, SUB OF FOSTER WHEELER CORP

Address:1051 YORK RD

Box:828

City:KINGS MOUNTAIN

State:NC

ZIP:28086

Country:US

Phone:800-424-9300

CAGE:3U142

===== Composition/Information on Ingredients =====

Ingred Name:NO INGREDIENT FOR THIS FORMULATION_I

INGREDIENT

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS NOT RELEVANT.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE- OVEREXPOSURE TO WELDING FUMES
MAY RESULT IN DISCOMFORT SUCH AS DIZZINESS, NAUSEA,
DRYNESS/IRRITATION OF NOSE, THROAT, EYES. ARC RAYS CAN INJURE EYES
& BURN SKIN. ELECTRIC SHOCK CAN KILL. CHRONIC- OVEREXPOSUR

E MAY

LEAD TO SIDEROSIS (IRON DEPOSITS IN LUNG). TARGET ORGANS:EYES,
SKIN, RESPIRATORY TRACT.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:DIZZINESS, NAUSEA, HEADACHE, DRYNESS OR
IRRITATION OF NOSE, THROAT OR EYES, EYE INJURY, SKIN BURN

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING
RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE
WELDING FUMES.

===== First Aid Measures =====

First Aid:CALL

A PHYSICIAN IN ALL CASES. EMPLOY FIRST AID TECHNIQUES

RECOMMENDED BY THE AMERICAN RED CROSS. PROVIDE OXYGEN/CPR IF
NEEDED. IN CASE OF ELECTRIC SHOCK, DISCONNECT EQUIPMENT.

===== Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:THIS ALLOY IS NONCOMBUSTIBLE. TO EXTINGUISH A METAL
FIRE, USE DRY SAND.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPO
SED

CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:NONE. IN CONTACT WITH ACIDS, HYDROGEN GAS
WILL BE FORMED WHICH IS FLAMMABLE AND EXPLOSIVE. WELDING ARC AND
SPARKS CAN IGNITE COMBUSTIBLE MATERIALS.

===== Accidental Release Measures =====

Spill Release Procedures:NOT RELEVANT

Neutralizing Agent:NOT RELEVANT

===== Handling and Storage =====

Handling and Storage Precautions:KEEP AWAY FROM STRONG ACIDS.

Other

Precautions:NO FOOD OR SMOKING IN WORK AREAS. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING FUMES AND VAPORS.

=====
===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE RESPIRABLE FUME RESPIRATOR OR AIR SUPPLIED RESPIRATOR WHEN WELDING, BRAZING OR SOLDERING IN CONFINED SPACE OR WHERE LOCAL EXHAUST OR VENTILATION DOES NOT KEEP EXPOSURE BELOW PEL, TLV OR STEL.

Ventilation:LOCAL EXHAUST AT THE ARC (OR FLAME), OR BOTH, TO KEEP THE FUMES AN

D GASES BELOW PEL'S, TLV'S OR STEL'S IN BREATHING ZONE

Protective Gloves:WELDER'S GLOVE

Eye Protection:PROTECTIVE FACE SHIELD

Other Protective Equipment:EYE WASH STATION, APRONS, HATS, ARM & SHOULDER PROTECTION, AS WELL AS DARK SUBSTANTIAL CLOTHING.

Work Hygienic Practices:WEAR HEAD AND BODY PROTECTION WHICH HELP TO PREVENT INJURY FROM RADIATION, SPARKS AND ELECTRICAL SHOCK.

Supplemental Safety and Health

TRAIN WELDER NOT TO TOUCH LIVE ELECTRICAL PARTS AND TO INSULATE HIMSELF FROM WORK AND GROUND.

=====
===== Physical/Chemical Properties =====

HCC:T6

NRC/State Lic Num:NOT RELEVANT

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:INSOLUBLE

Appearance and Odor:COPPER COATED OR BARE SOLID STEEL WIRE OR RODS

=====
===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:METAL OXIDES. DECOMPOSITION PRODUCTS

INCLUDE THOSE ORIGINATING FROM INGREDIENTS + THOSE FROM THE BASE METAL & COATING.

=====
===== Disposal Considerations =====

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSABLE CONTAINER OR LINER IN AN ENVIRONMENTALLY ACCEPTABLE MANNER, IN FULL COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

Disclaimer (provided with this information by the compiling a

gencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.