

HARRIS WELCO/THERMACOTE-WELCO CO -- STAINLESS STEEL BARE WIRE, AWS 308L --
3439-00-511-9704

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

Product ID:STAINLESS STEEL BARE WIRE, AWS 308L

MSDS Date:07/01/1993

FSC:3439

NIIN:00-511-9704

MSDS Number: BXCNW

=== Responsible Party ===

Company Name:HARRIS WELCO/THERMACOTE-WELCO CO

Address:1051 YORK ROAD

Box:828

City:KINGS MOUNTAIN

State:NC

ZIP:28086

Country:US

Info Ph

one Num:704-739-6421

Emergency Phone Num:800-424-9300(CHEMTREC)

CAGE:JO222

=== Contractor Identification ===

Company Name:HARRIS WELCO/THERMACOTE WELCO

Address:1051 YORK RD

Box:828

City:KINGS MOUNTAIN

State:NC

ZIP:28086

Country:US

Phone:704-739-6421

CAGE:JO222

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

Address:YORK RD

Box:828

City:KINGS MOUNTAIN

State:NC

ZIP:28086

Country:US

CAGE:24559

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

Ingred Name:NO INGREDIE

NT FOR THIS FORMULATION_INGREDIENT

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:ELECTRIC ARC-WELDING MAY CREATE
FUMES/GASES CAN BE DANGEROUS. ARC RAYS CAN INJURE EYES & BURN SKIN.
ELECTRIC SHOCK CAN KILL.
Explanation of Carcinogenicity:PER MSDS:CARCINOGENIC:NA. HOWEVER
CONTAINS NI,CR CMPDS WHICH ARE CARCINOGENIC.
Effects of Overexposure:SHORT TERM TO WELDING FUMES: DIZZINESS, NAUSEA,
DRYNESS & IRRITATION OF NOSE/EYES/THROAT, CHEST TIGHTNESS, FEVER,
ALLERGIC REACTION. LONG TERM: SIDEROSIS, BELIEVED TO AFFECT
PULMONARY FUNCTION.
Medical Cond Aggravated by Exposure:PULMONARY FUNCTION.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL
ATTENTION. INH ALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET
MEDICAL ATTENTION.

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

Flash Point:NONFLAMMABLE
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:NONE SPECIFIED BY MFG. HOWEVER USE APPROPRIATE
EXTINGUISHING MEDIA FOR SURROUNDING FIRE.
Fire Fighting Procedures:NONE SPECIFIED BY MFG. HOWEVER IF MATERIAL
INVOLVE IN FIRE WE
AR SELF-CONTAINED BREATHING APPARATUS AND
PROTECTIVE EQPMT AS CONDITINS WARRANT.
Unusual Fire/Explosion Hazard:WELDING ARC & SPARKS CAN IGNITE
COMBUSTABLES/FLAMMABLES. REFER TO AMERICAN NAT STD Z49.1 FOR FIRE
PREVENTION DURING WELDING & ALLIED PROCEDURES.

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

Spill Release Procedures:NONE SPECIFIED BY MANUFACTURER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

=====

Handling and Storage Precautions:USE EXH SYS.MAKE SURE INHALED AIR DOES NOT CONTAIN FUME CONSTITUENTS ABOVE PEL.SEE AMER STD Z49.1-1983(SAF IN WELD/ CUT)& WELD HANDBOOK VOL1,CHAP 9.

Other Precautions:SEE AWS F1.1 & AWS F1.2-1985 FROM AMER WELDING SOC. SEE ALSO AWS PUBLICATION:"FUMES & GASES IN THE WELDING ENVRIO". ALL LITERTURE MENTIONED CAN BE OBTAIN FROM:AM WELDING SOC INC, 550 NW LEJUNE RD, POB 351040, MIAMI, FL 33135, 305-443-9353.

===== Exposur
e Controls/Personal Protection =====

Respiratory Protection:USE RESPIRABLE FUME RESPIRATORY OR AIR SUPPLIED RESPIRATOR WHEN IN CONFINED SPACE OR LOCAL EXHAUST DOES NOT KEEP EXPOLUSRE BELOW RECOMMENDED EXPOSURE LIMIT.

Ventilation:USE ENOUGH LOC VENTILATION & LOCAL EXHAUST @ ARC TO KEEP FUMES/GASES FROM WORKER'S BREATHING ZONE & GENERAL AREA.

Protective Gloves:WELDERS GLOVES

Eye Protection:FACE SHIELD W/FILTER LENS/FLASH GOGGLES

Other Protective Equipment:HEAD/BODY PROTECTION TO PREVENT INJURY FROM RADIATION/SPAKRS/ELECTRIC SHOCK.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

DECOMP PRODUCTS: COMPOSITION/QUALITY DEPENDENT UPON METAL BEING WELDED, PROCESS, PROCEDURE, ELCTRODES, COMPONENTS/QUANTITIES BEING EXPOSED, METAL COATINGS, #/VOL OF WELDERS, AMOUNT/QUANTITY OF VENTILA TION, HEAD POSITION. RECOMMENDED TESTING WORK ATMOSPHERE. TRAIN WORKERS TO KEEP HEAD OUT OF FUMES.

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

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NOT GIVEN

Appearance and Odor:BARE FILLER METALS ARE SOLID WIRE.

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

Stability Indicator/Materials to Avoid:YES
NONE

SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:(SEE SUPPLEM)REASONBLY EXPECTED

FUME:PRIMARY OXIDES OF FE,2ND OXIDES OF

CR,NI,MN,SI,MO.GAS:CO,CO2,OZONE,NITROGEN OXIDES.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING
ENVIRO.DISCARD ANY PRODUCT RESIDUE,DISPOSABLE CNTNR OR LINER IN
ENVIROM ACCEPTABLE MANNER,IN FULL COMPLA
IANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS.

=====

Disclaimer (provided with this information by the compiling agencies):
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.