THERMACOTE-WELCO CO SUB OF FOSTER WHEELER CORP -- ALUMINUM 4043,1100,2319,4047 -- 3439-01-323-9369

Product ID:ALUMINUM 4043,1100,2319,4047

MSDS Date:07/05/1990

FSC:3439

NIIN:01-323-9369

MSDS Number: BWFQN === Responsible Party ===

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

Address:1051 YORK ROAD

Box:828

City:KINGS MOUNTAIN

State:NC ZIP:28086 Country:US

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

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

CAGE:24559

=== Contractor Identification ===

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: ALUMINUM (SARA III) BASE METAL

CAS:7429-90-5

RTECS #:BD0330000

Other REC Limits: NONE RECOMMENDED

OSHA PEL:15MG/M3 DUST/5 FUME ACGIH TLV:10MG/M3 DUST; 9394

Ingred Name: COBALT (SARA III)

CAS:7440-48-4

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TECS #:GF8750000 Other REC Limits:NONE RECOMMENDED OSHA PEL:0.05 MG/M3 ACGIH TLV:0.05 MG/M3;DUST 9394

Ingred Name: COPPER (SARA III)

CAS:7440-50-8

RTECS #:GL5325000

Other REC Limits:NONE RECOMMENDED OSHA PEL:0.1MG/M3 FUME/1 DUST

ACGIH TLV:0.2 MG/M3 FUME; 9394

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name: IRON OXIDE

CAS:1309-37-1

RTECS #:NO7400000

Other REC Limits: NONE RECOMMENDED

OSHA PEL:10 MG/M3 (FE)

ACGIH TLV:5MG(FE)/M3FUME,B2;94

Ingred Name: MAGNESIUM OXIDE

CAS:1309-48-4 RTECS #:OM

3850000

Other REC Limits:NONE RECOMMENDED OSHA PEL:10 MG/M3 PARTICULATE ACGIH TLV:10 MG/M3, FUME; 9394

Ingred Name: MANGANESE (SARA III)

CĂS:7439-96-5

RTECS #: OO9275000

Other REC Limits: NONE RECOMMENDED

OSHA PEL:C 5 MG/M3

ACGIH TLV:5 MG/M3, DUST; 9394

Ingred Name: SILICON

CAS:7440-21-3

RTECS #:VW0400000

Other REC Limits: NONE RECOMMENDED

OSHA PEL:10 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9394

Ingred Name: SILVER (SARA III)

CAS:7440-22-4

RTECS #:VW3500000

Other REC Limits: NONE RECOMMENDED

OSHA PE

L:0.01 MG/M3 ACGIH TLV:0.1 MG/M3; 9394 EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB Ingred Name:TIN

Ingred Name: IIN
CAS:7440-31-5
RTECS #:XP7320000
Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 MG/M3 ACGIH TLV:2 MG/M3; 9394

Ingred Name:ZINC OXIDE

CAS:1314-13-2

RTECS #:ZH4810000

Other REC Limits: NONE RECOMMENDED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10MG/M3 TDUST; 9394

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

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

Reports of Carcinogenicity:NTP:N

O IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES:MAY IRRITATE WHEN WELDING OR PLASMA CUTTING. INHAL:IS NOT LIKELY UNLESS MATERIAL MACHINED, WELDED OR REMELTED. EXPO TO ZINC OXIDE FUME CAN RESULT IN "ZINC CHILLS" (METAL FUME FEVER). RECOVERY IS U SUALLY COMPLETE IN 24-48 HRS.OVEREXPO TO CU FUME CAN CAUSE UPPER RESP TRACT IRRIT.

Effects of Overexposure:ZINC CHILLS (METAL FUME FEVER), EYE IRRITATION, UPPER RESP TRACT IRRIT.

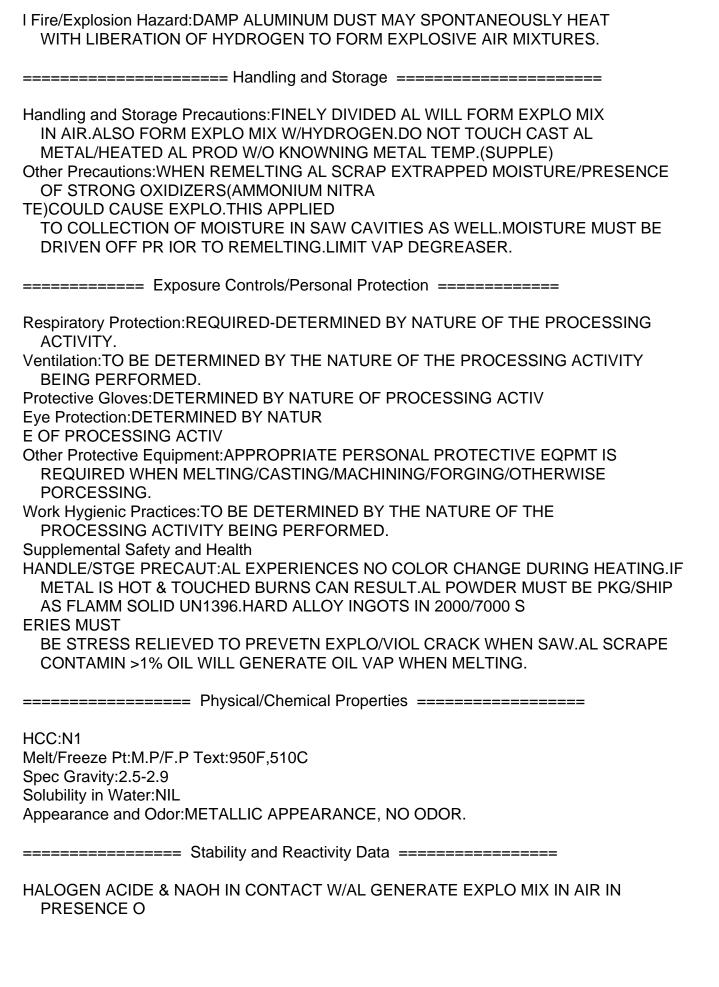
Medical Cond Aggravated by Exposure: NONE SPECI FIED BY MFG.

First Aid:SKIN:REMOVE PARTICLES BY THOROUGHLY WASHING W/SOAP & WATER. EYE:FLUSH W/WATER FOR @LEAST 15MINS. GET MED ATTN IF IRRIT PERSISTS. INHAL:REMOVE FROM EXPOSURE. GET MED ATTN IF EXPERIENCING BREATHING DIFF ICULTY.

Extinguishing Media:DRY POWDER OR SAND.

Fire Fighting Procedures: DO NOT USE WATER OR HALOGEN ON DUST FUMES.

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F BROMATES, IODATES, AMMONIUM NITRITE.

Stability Condition to Avoid:PER MSDS:N/A ALSO PER MSDS:MOISTURE W/STRONG OXIDIZERS.

Hazardous Decomposition Products:WELDING AL ALLOYS MAY GENERATE CARBON MONOXIDE,CARBON DIOXIDE,OZONE,NITROGEN OXIDES,INFRA-RED/UV RADIATION,METAL FUMES.

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

Waste Disposal Methods:USED/UNUSED PRODUCT SHOULD BE TESTED TO DETERMINE HAZ STATUS & DISPOSAL REQMTS UNDER LOCAL, STATE OR FEDERAL REG ULATIONS.

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