

BROOKFIELD WIRE CO INC -- WIRE NONELECTRICAL -- 9525-00-529-0443

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

Product ID:WIRE NONELECTRICAL

MSDS Date:10/13/1997

FSC:9525

NIIN:00-529-0443

Status Code:A

MSDS Number: CHYYR

=== Responsible Party ===

Company Name:BROOKFIELD WIRE CO INC

Box:248

City:BROOKFIELD

State:MA

ZIP:01506

Country:US

Info Phone Num:617-867-8474

Emergency Phone Num:617-867-8474

CAGE:94129

==

= Contractor Identification ==

Company Name:BROOKFIELD WIRE CO INC

Box:City:BROOKFIELD

State:MA

ZIP:01506-0248

Country:US

Phone:617-867-6474

CAGE:94129

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

Ingred Name:CHROMIUM (SARA 313) (CERCLA)

CAS:7440-47-3

RTECS #:GB4200000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:0.5 MG/M3; 9596

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:COBALT (SARA 313)

CAS:7440-48-4

RTECS #:GF8750000

Other REC Limits:NONE RECOMME

NDED
OSHA PEL:0.1 MG/M3
ACGIH TLV:0.02 MG/M3; A3; 9596

Ingred Name:COPPER (SARA 313) (CERCLA)
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; 9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:IRON
CAS:7439-89-6
RTECS #:NO4565500
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3 (TDUST)
ACGIH TLV:5 MG/M3 (OXIDE FUME)

Ingred Name:MANGANESE (SARA 313)
CAS:7439-96-5
RTECS #:OO9275000
Other REC Limits:NONE RECOMME
NDED
OSHA PEL:C, 5 MG/M3 (FUME)
ACGIH TLV:0.2 MG/M3; 9596

Ingred Name:MOLYBDENUM
CAS:7439-98-7
RTECS #:QA4680000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 PPM.
ACGIH TLV:10 PPM.

Ingred Name:NICKEL (SARA 313) (CERCLA)
CAS:7440-02-0
RTECS #:QR5950000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9596

Ingred Name:SILICON
CAS:7440-21-3
RTECS #:VW0400000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NONE
ACGIH TLV:5 MG/M3

===== Hazards Identification ===

=====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:WIRE PRODUCT IS NOT HAZARDOUS.
GENERATED DUST, FUMES, GASES CAN BE DANGEROUS TO YOUR HEALTH. SHORT
TERM EXPOSURE TO WELDING FUMES, GASES, AND DUST MAY CAUSE
DIZZINESS, NAUSEA, FEVER, DRYNESS, AND/OR IRRITATION OF NOSE,
THROAT, EYES, SKIN SENSITIVITY. CHRONIC EXPOSURE: NEURO
LOGICAL
DAMAGE, LUNG FIBROSIS, LUNG DISEASES.
Explanation of Carcinogenicity:DUST, FUMES OF NICKEL AND CHROMIUM ARE
CONSIDERED POSSIBLE CARCINOGENS UNDER OSHA. THE WIRE PRODUCT IS NOT
CARCINOGENIC.
Effects of Overexposure:NONE FOR WIRE PRODUCT. GENERATED DUST, FUMES,
GASES: DIZZINESS, NAUSEA, FEVER, DRYNESS, IRRITATION OF NOSE AND
THROAT, AND EYES, SKIN SENSITIVITY, WATERY EYES, HEADACHE,
BREATHING DIFFICULTY, FREQUENT COUGHING, CHEST PAINS, PULMONARY
EDEMA, ASPHYXIA
TION. EXCESSIVE EXPOSURE CAN BE FATAL.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:REMOVE FROM EXPOSURE AREA AND CALL FOR MEDICAL AID.
ADMINISTER OXYGEN IF BREATHING IS DIFFICULT. IF NOT BREATHING, GIVE
CPR. IF NO DETECTABLE PULSE BEGIN EXTERNAL HEART MASSAGE. EMPLOY
FIRST AID TECHN IQUES RECOMMENDED BY AMERICAN RED CROSS. IN CASE OF
ELECTRICAL SHOCK, TURN OFF POWER PRIOR TO R
EMOVAL FROM ESPOSURE
AREA AND ADMINISTER FIRST AID.

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

Flash Point:NONFLAMMABLE
Lower Limits:NONE
Upper Limits:NONE
Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:USE PROCEDURES APPROPRIATE FOR SURROUNDING
FIRE.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:CLEAN UP ANY

GRINDING DUST OR WASTE RESIDUES
AND PLACE IN SUITABLE DOT APPROVED CONTAINERS FOR DISPOSAL
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID INHALATION AND SKIN EXPOSURE TO
DUSTS, FUMES, GASES FROM WELDING.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:USE WELD FUME RESPIRATOR OR AIR
SUPPLIED

RESPIRATOR WHEN BURNING, GRINDING, OR WELDING IN A CONFINED SPACE
OR WHERE LOCAL EXHAUST OR GENERAL VENTILATION DOES NOT KEEP
EXPOSURE BELOW RECOMMENDED LIMITS . USE ONLY NIOSH APPROVED
RESPIRATORS.

Ventilation:USE ENOUGH VENTILATION WHEN BURNING, GRINDING, OR WELDING
TO KEEP DUST, FUMES, GASES FROM THE WORKERS BREATHING ZONE

Protective Gloves:USE GLOVES WHEN BURNING,GRINDING,WELDING

Eye Protection:GOGGLES/FACE SHIELD WHEN GRINDING, ETC.

Other Protective Equipment:WE

AR FLAME RETARDANT CLOTHING WHEN BURNING,
GRINDING, WELDING. DO NOT EXPOSE SKIN TO RADIATION WHEN BURNING OR
WELDING.

Work Hygienic Practices:PROVIDE PROTECTIVE SCREENES TO PROTEC OTHERS
WHEN BURNING, WELDING.

Supplemental Safety and Health

PROVIDE ADEQUATE VENTILATION TO KEEP EXPOSURE BELOW SPECIFIED LIMITS.

THIS MSDS IS FOR ROUND AND FLATTENED WIRE PRODUCTS COMMONLY
FABRICATED BY MECHANICAL MEANS SUCH AS BENDING, COILING, STRANDING,
BR AIDING, WEAVING, ETC. IT IS NOT IN

TENDED FOR WELDING WIRE.

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

HCC:N1

Evaporation Rate & Reference:NONE

Solubility in Water:NOT SOLUBLE

Appearance and Odor:D7 ROUND, NICKEL ALLOY, WIRE 0.041 INCHES DIAMETER.

Percent Volatiles by Volume:0.0

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decompo

sition Products:IF WIRE IS WELDED THE FUME AND GAS
DECOMPOSITION PRODUCTS GENERATED ARE DIFFERENT IN FORM FROM THE
ORIGINAL COMPONENTS.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF IN COMPLIANCE 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 Departmen
t
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.