

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

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Product Identification
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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

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== Contractor Identification ==

Company Name:BROOKFIELD WIRE CO INC

Box:City:BROOKFIELD

State:MA

ZIP:01506-0248

Country:US

Phone:617-867-6474

CAGE:94129

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Composition/Information on Ingredients
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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 RECOMM

ENDED
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 RECOMM
ENDED
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

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

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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: NEUR

OLOGICAL

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, ASPHYXI

ATION. 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

REMOVAL 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.

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

Handling and Storage Precautions:AVOID INHALATION AND SKIN EXPOSURE TO
DUSTS, FUMES, GASES FROM WELDING.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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===== 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:W

EAR 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 I
NTENDED FOR WELDING WIRE.

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===== 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

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

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomp

osition 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.

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