

METCO -- STAINLESS STEEL WIRE, METCOLOY NO 5 -- 3439-00-040-8334

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Product Identification  
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Product ID:STAINLESS STEEL WIRE, METCOLOY NO 5

MSDS Date:01/18/1988

FSC:3439

NIIN:00-040-8334

MSDS Number: BMGNR

=== Responsible Party ===

Company Name:METCO

Address:1101 PROSPECT AVE

City:WESTBURY

State:NY

ZIP:11590

Country:US

Info Phone Num:516-334-1300

Emergency Phone Num:516-334-1300

CAGE:FO880

=== Contractor Identification ===

Company Name:METCO

Address:1101 PROSPECT AVE

City:WESTBURY

State:NY

ZIP:11590

Phone:(516) 334-1300

CAGE:FO880

Company Name:METCO INC, SUB OF THE PERKIN-ELMER CORP

Address:1101 PROSPECT AVENUE

Box:City:WESTBURY

State:NY

ZIP:11590-2724

Country:US

Phone:516-334-1300

CAGE:39918

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Composition/Information on Ingredients  
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Ingred Name:CARBON

CAS:7440-44-0

RTECS #:FF5250100

Other REC Limits:3.5MG/M3;7MG/M3 STEL

OSHA PEL:15 MG/M3 TDUST

ACGIH

TLV:2 MG/M3 TDUST; 9293

Ingred Name:MANGANESE

CAS:7439-96-5

RTECS #:OO9275000

OSHA PEL:(C) 5 MG/M3 DUST

ACGIH TLV:5 MG/M3 DUST 9293

Ingred Name:NICKEL

CAS:7440-02-0

RTECS #:QR5950000

OSHA PEL:1 MG(NI)/M3

ACGIH TLV:1 MG(NI)/M3

Ingred Name:SILICON. PEL: 10 MG/M3 TDUST; 5 MG/M3 RDUST

CAS:7440-21-3

RTECS #:VW0400000

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:CHROMIUM

CAS:7440-47-3

RTECS #:GB4200000

OSHA PEL:1 MG/M3

ACGIH TLV:0.5 MG/M3

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

In  
gred Name:IRON(III) OXIDE; (IRON (FE\*2O\*3))

CAS:1309-37-1

RTECS #:NO7400000

OSHA PEL:10 MG/M3 (FE)

ACGIH TLV:5 MG/M3(FE),B2; 9293

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:CARBON:POWDER ELEMENTAL CARBON IS

MAINLY NUISANCE DUST & SLIGHTLY IRRITANT IN FORM OF GRAPHITE(1 O

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COMMON FORMS OF CARBON), CAN CAUSE DUST IRRIT, PARTICULARLY TO EYES. CARBON ALSO OCCURS IN FORM OF S OOT, CARBON BLACK. CAN CAUSE CONJUNCT EPITHELIA HYPERPLASIA OF CORNEA AS WELL AS ECZEMATOUS INFLAMM OF (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NICKEL:GROUP1(IARC), GROUP 2(NTP); CHROMIUM: GROUP 1(IARC), GROUP 1(NTP).

Effects of Overexposure:HLTH HAZ:EYELIDS. SOME FORMS CAUSE IRRITANT OF EYES & MUC MEMB. MANGANESE:PARKINSON'S; ASTHENIA, INSOMNIA, MENTAL; META

L FUME FEVER; DRY THROAT, COUGH, TIGHT CHEST, DYSPENEA, RALES; LOW BACK PAIN; VOM IT, MALAISE; FATG. NICKEL:SENSITIVE DERM; ALLERGIC NASAL CAVITIES ASTHMA. CHROMIUM:HISTOLOGIC FIBROSIS (SUPP DATA)

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

First Aid:EYE:FLUSH WITH SUFFICIENT AMOUNTS OF WATER FOR AT LEAST 15 MIN. IF IRRITATION PERSISTS, CONSULT PHYS. SKIN:IF IRRITATION OCCURS, WASH WITH SOAP AND WATER TO REMOVE MATERIAL. INHAL: EXPOSURE TO FRESH AIR. INGEST: CALL MD IMMED .

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

Flash Point:NONE  
Extinguishing Media:USE CLASS D FIRE EXTINGUISHER.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . TREAT AS A METALLIC FIRE.  
Unusual Fire/Explosion Hazard:MODERATE FIRE HAZARD IN FORM OF DUST WHEN EXPOSED TO FLAME.

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

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER

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

Handling and Storage Precautions:EYE PROTECTION IS RECOMMENDED WHEN HANDLING WIRE.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/FUMES/ MISTS SHOULD BE WORN AT ALL TIMES DURING THERMAL SPRAY PROCESS TO PROTECT OPERATOR FROM DUST AND FUMES.

Ventilation:VENTILATION EQUIPMENT DESIGNED TO CREATE AN AIR VELOCITY OF 200 FPM.

Prot

ective Gloves:ALUMINIZED GLOVES.  
Eye Protection:CHEMICAL WORKERS GOGGLES .  
Other Protective Equipment:EAR PROT MUST BE WORN WHEN OPERATOR IS  
SUBJECTED TO EXCESS NOISE LEVELS. (SEE OSHA REQUIREMENTS).  
ALUMINIZED (SUPP DATA)

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EFTS OF OVEREXP:LUNGS; CHROMIUM(VI). IRON: BENIGN PNEUMOCONIOSIS; X-RAY  
SHADOWS INDISTINGUISHABLE FROM FIBROTIC PNEUMOCONIOSIS.

EYE/SKIN:POSS IRRIT. INHAL:RESP IRRIT. POSSIBL  
E NAUSEA. OTHER PROT

EQUIP :APRON IS TO BE WORN DURING ARC SPRAYING.

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:2550F,1399C

Spec Gravity:7.8

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WIRE; NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:DO NOT SPRAY DUST TO ENTER EYES, MOUTH,  
CUTS, SCRATCHES, OR OPEN WOUNDS.

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

Waste Disposal Methods:CONSULT LOCAL, STATE AND FEDERAL REGULATIONS.

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