

ARCOS CORP WIRE DRAWING PLANT SUB OF ARCOS CORP -- STAINLEND 347 5/64 COVERED  
WELDING ELECTRODES -- 3439-00-541-1762

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Product Identification  
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Product ID:STAINLEND 347 5/64 COVERED WELDING ELECTRODES

MSDS Date:11/15/1991

FSC:3439

NIIN:00-541-1762

MSDS Number: BYFFT

=== Responsible Party ===

Company Name:ARCOS CORP WIRE DRAWING PLANT SUB OF ARCOS CORP

Address:#1 ARCOS DRIVE

City:MT CARMEL

State:PA

ZIP:17851

Country:US

Info Phone Num:717-339-5200

Emergency Phone Num:717-339-5200/800-424-9300(CHEMTREC)

CAGE:19270

=== Contractor Identification ===

Company Name:ARCOS ALLOYS DIVISION OF HOSKINS MFG. CO.

Address:#1 ARCOS DRIVE

Box:City:MT CARMEL

State:PA

ZIP:17851

Country:US

Phone:570-339-5200; 717-339-5200

CAGE:19270

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Composition/Information on Ingredients  
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Ingred Name:CHROMIUM (SARA 313) (CERCLA)

CAS:7440-47-3

RTECS #:GB4200000

Fraction by Wt: 21%

Other

REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:0.5 MG/M3; 9495

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:MANGANESE (SARA 313)

CAS:7439-96-5

RTECS #:OO9275000

Fraction by Wt: 2.5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 5 MG/M3 DUST

ACGIH TLV:5 MG/M3 DUST 9495

Ingred Name:NICKEL (SARA 313) (CERCLA)

CAS:7440-02-0

RTECS #:QR5950000

Fraction by Wt: 11%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9495

ion by Wt: 65.5%

Other REC Limits:NONE RECOMMENDED

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

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

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

Health Hazards Acute and Chronic:ACUTE: INHALATION OF WELDING FUMES MAY CAUSE NERVOUS SYSTEM AND MUSCLE IRREGULARITIES, IRRITATION OF EYES, NOSE, THROAT, AND RESPIRATORY SYSTEM, METAL FUME FEVER. CHRONIC: INHALATION OF FUMES MAY CAUSE CANCER, SIDEROSIS, FLUOROSIS AND AFFECT LUNG FUNCTION.

Explanation of Carcinogenicity:CONTAINS NICKEL AND CHROMIUM WHICH ARE LISTED BY BOTH IARC AND NTP.

Effects of Overexposure:INHALATION: NAUSEA, DIZZINESS, DRYNESS OF NOSE AND THROAT, COUGHING, WHEEZING AND SHORTNESS OF BREATH. EYES: REDNESS, TEARING, BLURRED VISION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: REMOVE TO FRESH AIR.

RESUSCITATE IF NEEDED. EYES:

FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING. SEE DOCTOR.

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

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:NON-FLAMMABLE; BUT SPARKS AND WELDING ARCS DURING USE.

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

Spill Release Procedures:PICK UP RODS. SWEEP UP OR MOP. PLACE RESIDUE IN A CONTAINER FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:REMOVE ANY COMBUSTIBLES FROM WORK AREA: SPARKS OR WELDING ARC COULD IGNITE NEARBY COMBUSTIBLES.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR WELDING FUMES OR SUPPLIED AIR RESPIRATOR IN CONFINED SPACES OR WHERE FUME CONCENTRATION EXCEEDS REGULATORY LIMITS.

Ventilation:USE MECHANICAL OR LOCAL EXHAUST OR BOTH TO MAINTAIN LEVELS OF FUMES BELOW REGULATORY LIMITS.

Protective Gloves:WELDERS WORK GLOVES

Eye Protection:WELDERS HELMET WITH CORRECT LENSES

Other Protective Equipment:CLOTHING TO PROTECT ENTIRE BODY FROM SPARKS.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:N1

Appearance and Odor:COVERED WELDING ELECTRODES ARE SOLID WIRE WITH A FLUX COATING.

===== 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:METALS, CHROMATES, FLUORIDES, COMPLEX METALLICS, OXIDES OF CARBON, OZONE, OXIDES OF NITROGEN.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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