

ARCOS CORP. -- STAINLEND 316L -- 3439-01-027-4800

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

Product ID:STAINLEND 316L

MSDS Date:01/01/1985

FSC:3439

NIIN:01-027-4800

MSDS Number: BGFRM

=== Responsible Party ===

Company Name:ARCOS CORP.

Emergency Phone Num:717-339-5200

CAGE:MO615

=== Contractor Identification ===

Company Name:ARCOS ALLOYS DIV OF HOSKINS MFG CO

Address:#1 ARCOS DRIVE

Box:308

City:MTCARMEL

S

tate:PA

ZIP:17851

Country:US

Phone:717-339-5200, CHEMTREC 800-424-9300

CAGE:03805

Company Name:ARCOS CORP.

CAGE:MO615

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

Ingred Name:CHROMIUM (SARA III)

CAS:7440-47-3

RTECS #:GB4200000

Fraction by Wt: 14.0%

OSHA PEL:1 MG/M3

ACGIH TLV:0.5 MG/M3; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:NICKEL (SARA III)

CAS:7440-02-0

RTECS #:QR5950000

Fraction by Wt: 9.0%

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

Ingred Name:ARSENIC

FLUORIDE (FOR OSHA PEL SEE 29CFR 1910.1018)

CAS:7784-35-2

RTECS #:CG5775000

Fraction by Wt: 1.0%

OSHA PEL:0.01 MG/M3 (AS)

ACGIH TLV:0.2 MG/M3 (AS); 8990

Ingred Name:MANGANESE (SARA III)

CAS:7439-96-5

RTECS #:OO9275000

Fraction by Wt: 1.5%

OSHA PEL:(C) 5 MG/M3 DUST

ACGIH TLV:5 MG/M3 DUST 9293

Ingred Name:IRON ION (FE +2)

CAS:15438-31-0

RTECS #:NO6925000

Fraction by Wt: 44.0%

OSHA PEL:1 MG/M3 (FE)

ACGIH TLV:1 MG/M3 (FE); 8990

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

Effects of Overexposure:CAN CAUSE PULMONARY IRRITATION FROM DUST
INHALATION IF USE W/O.WEARING PROPER PROTECTIVE EQUIPMENTS.

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

First Aid:REMOVE TO FRESH AIR.CALL DR. IF BREATHING IN FRESH AIR IS
DIFFICULT OR IRRITATION PERSISTS.

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

Handling and Storage Precautions:DO NOT STORE NEAR INORGANIC ACIDS.WEAR
SAFETY SHOES DURING HANDLING/STORING.

Other Pre

cautions:ARC & SPARK COULD BE SOURCE OF IGN.DO NOT USE NEAR
IGNITABLE MATERIAL BECAUSE IGNITABLE MATERIAL MAY IGNITE EXPLOSIVELY.MATERIAL
IS NON-HAZ,IT MAY BE HAZ. TO USING PERSON WHEN USED W/O PROPER
PROTECTIVE EQUIP

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

Respiratory Protection:WELD FUME RESP. OR AIRLINE RESP. FOR CONFINED
SPACE.

Ventilation:LOCAL & MECH(GEN):SEMI-OPEN OR PROPERLY VENTILATED AREA.

Protective Gloves:WELDERS PROTECT

Eye Protection:SEE SUPP DATA**

O

ther Protective Equipment:WELDERS CLOTHING FOR PROTECTION AGAINST
SPARKS/HOT MATERIAL.

Supplemental Safety and Health

HAZ.INGRED:TITANIUM DIOXIDE,11%,15MG/CUM;LIMESTONE,5%,15

MG/CUM;POTASSIUM SILICATE,6%,15

MG/CUM;FERROALLOYS,5%,10MG/CUM;MOLYBDENUM,METALLIC,1.5%,15

MG/CUM.**FACE SHIELD & SAFETY GLASS #12 SHAD

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

HCC:N1

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

Stability Indicator/Mater

ials to Avoid:YES

Hazardous Decomposition Products:CO,CO*2,OZONE,OXIDES OF NITROGEN

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