

INCO ALLOYS INTERNATIONAL INC -- INCONEL FILLER METAL 625 (625T) -- 3439-01-138-7548

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Product Identification
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Product ID:INCONEL FILLER METAL 625 (625T)

MSDS Date:02/01/1986

FSC:3439

NIIN:01-138-7548

MSDS Number: BPZKP

=== Responsible Party ===

Company Name:INCO ALLOYS INTERNATIONAL INC

Address:1401 BURRIS RD

City:NEWTON

State:NC

ZIP:28658-1754

Country:US

Info Phone Num:304-526-5436

Eme

Agency Phone Num:304-526-5780

CAGE:9Z762

=== Contractor Identification ===

Company Name:INCO ALLOYS INTERNATIONAL INC

Address:1401 BURRIS RD

Box:City:NEWTON

State:NC

ZIP:28658-1754

Country:US

Phone:800-624-3411

CAGE:9Z762

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

CAS:7440-47-3

RTECS #:GB4200000

Fraction by Wt: 22%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:0.5 MG/M3; 9293

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Nam

e:IRON OXIDE
CAS:1309-37-1
RTECS #:NO7400000
Fraction by Wt: 3%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3 (FE)
ACGIH TLV:5 MG/M3(FE),B2; 9293

Ingred Name:MOLYBDENUM
CAS:7439-98-7
RTECS #:QA4680000
Fraction by Wt: 9%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3; 9293

Ingred Name:NICKEL (SARA III)
CAS:7440-02-0
RTECS #:QR5950000
Fraction by Wt: 61%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9293

Ingred Name:NIOBIUM (ALSO CALL
ED COLUMBIUM)
CAS:7440-03-1
Fraction by Wt: 4%
Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE EXPOSURE TO WELDING FUMES MAY
PRODUCE METAL FUME FEVER. CHRONIC EFFECTS MAY BE SKIN
SENSITIZATION, RESPIRATORY DISEASE.
Explanation of Carcinogenicity:CHROMIUM AND NICKEL AND THEIR COMPOUND
S
ARE LISTED AS CARCINOGENS BY NTP & IARC. SEE INDIVIDUAL REPORTS FOR
DETAILS.
Effects of Overexposure:INHALATION (METAL FUME FEVER): METALLIC TASTE,
NAUSEA, TIGHTNESS IN CHEST, FEVER, COLD-LIKE SYMPTOMS. SKIN:
ALLERGIC REACTION AFTER SENSITIZATION.
Medical Cond Aggravated by Exposure:PRE-EXISTING RESPIRATORY OR
ALLERGIC CONDITIONS

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===== First Aid Measures =====
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First Aid:REMOVE FROM EXPOSURE AND OBTAIN MEDICAL ATTENTION. IF VICTIM

IS UNCONSCIOUS, ADMINISTER OXYGEN. IF NOT BREATHING, RESUSCITATE IMMEDIATELY.

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

Flash Point:NON-FLAMMABLE

Lower Limits:NONE

Upper Limits:NONE

Extinguishing Media:NO INFORMATION GIVEN ON MSDS BY MFR. PRODUCT IS NON FLAMMABLE. EXTINGUISH WITH MEDIA APPROPRIATE FOR SOURCE OF FIRE.

Fire Fighting Procedures:NO INFORMATION GIVEN ON MSDS BY MFR. FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT

WHEN FIGHTING CHEMICAL FIRE.

Unusual Fire/Explosion Hazard:NO INFORMATION GIVEN ON MSDS BY MFR.

HMIS:NONE

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

Spill Release Procedures:VACUUM RESIDUE FROM CUTTING, GRINDING OR WELDING OPERATIONS INTO SUITABLE CONTAINER.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:NO INFORMATION GIVEN ON MSDS BY MFR.

Other Precautions:REFER TO ANSI Z49.1 FR

OM THE AMERICAN WELDING SOCIETY

AND OSHA 29CFR1910 FROM U.S. DEPT. LABOR FOR ADDITIONAL INFORMATION ON INDUSTRIAL HYGIENE AND SAFETY.

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

Respiratory Protection:NECESSARY WHEN PEL MAY BE EXCEEDED. USE AIR-SUPPLIED RESPIRATOR IN CONFINED SPACES. USE ONLY NIOSH APPROVED RESPIRATOR I/A/W 29CFR1910.134.

Ventilation:USE LOCAL EXHAUST WHEN CUTTING, GRINDING OR WELDING. CONFINED SPACES REQUIRE SPECIAL ATTENTION.

Prote

ctive Gloves:WELDER'S GLOVES

Eye Protection:SEE AWS PUBLICATION F2.2

Other Protective Equipment:WEAR GLOVES, FACE PROTECTION AND FLAME RETARDANT CLOTHING. DO NOT EXPOSE SKIN.

Work Hygienic Practices:MFR: ? HMIS:USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health

MSDS RECEIVED FROM NAVY (FOCAL POINT N). NAVY IDENTIFIED NSN.

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

HCC:N

NRC/State Lic Num:NONE

pH:UNKNON

Appearance and Odor:FILLER METALS ARE SOLID ALLOY WIRE

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

Stability Indicator/Materials to Avoid:YES

NO INFORMATION GIVEN ON MSDS BY MFR.

Stability Condition to Avoid:NO INFORMATION GIVEN ON MSDS BY MFR.

Hazardous Decomposition Products:WELDING FUMES & GASES CANNOT BE EASILY CLASSIFIED AND INCLUDE: METAL OXIDES, CO, OZONE, NITROGEN OXIDES, COMPOLEX METALS

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Waste Disposal Methods:DISPOSE I/A/W EPA OR LOCAL REGULATIONS.

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