



Search

MSDS 250,000+

MSDS : ALLOY STEEL--HR & CR ALLOY LEADED STEEL, P6

CAS : 7440-21-3
 7439-96-5
 7440-44-0
 7439-98-7
 1314-62-1
 7429-90-5
 7704-34-9
 7723-14-0
 7440-69-9
 7440-50-8
 7439-92-1
 7439-89-6
 7440-02-0
 7440-47-3

NAME : silicon. Id50: (oral, rat) 3160 mg/kg.
 manganese (sara iii). Id50: (oral, rat) 9000 mg/mg.
 carbon (mfr cas #1333-86-4)
 molybdenum (pel/tlv as mo, insoluble compounds)
 vanadium pentoxide; (vanadium) (sara iii)
 aluminum (sara iii)
 sulfur
 phosphorus (white); (phosphorus) (sara iii)
 bismuth. Id50: (oral, rat) 5 g/kg.
 copper (sara iii)
 leaded alloys consisting of ient 17
 lead (sara iii)
 supp data: workers melting and working alloys containing
 ing 18: target organs: skin, eyes/nose, central nervous
 other prec: the appropriate regulation notification working
 ing 20: present inhal/ingest/contact haz, however, ops such
 ing 21: release fumes and/or dusts which may present health
 base metal consisting of ient 2
 iron (pel/tlv as iron oxide fume)
 alloying elements consisting of ients 4-15
 nickel (sara iii). Id50: (oral, rat) 9000 mg/kg.
 chromium (sara iii)

Catalog of Chemical Suppliers, Buyers, Custom Synthesis Companies And Equipment Manufacturers
 [ALLOY STEEL--HR & CR ALLOY LEADED STEEL, P6 7440-21-3 7439-96-5 7440-44-0 7439-98-7 1314-62-1 7429-90-5
 7704-34-9 7723-14-0 7440-69-9 7440-50-8 7439-92-1 7439-89-6 7440-02-0 7440-47-3]

Suppliers:

Not Available

Buyers:

Not Available

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Product Identification
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MSDS NAME:ALLOY STEEL--HR & CR ALLOY LEADED STEEL, P6

NIIN:00N037774

MSDS Number: BQVDS

==== Responsible Party ====

Company:ALCAN ALUMINUM CORP

Box:346

City:ST LOUIS

State:MO

ZIP:63166

Country:US

Info Phone Num:314-427-1234

Emergency Phone Num:216-523-6860

CAGE:01371

==== Contractor Identification ====

Company:ALCAN ALUMINUM CORP

Address:100 ERIEVIEW PLAZA

City:CLEVELAND

State:OH

ZIP:44114

Country:US

Phone:216-523-8230

CAGE:01371

Company:METAL GOODS SERVICE CENTERS DIV OF ALCAN ALUMINUM CORP

Box:346

City:ST LOUIS

State:MO

ZIP:63166

Country:US

Phone:314-427-1234

CAGE:39861

=====
Composition/Information on Ingredients
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Name:SILICON. LD50: (ORAL, RAT) 3160 MG/KG.

CAS:7440-21-3

RTECS #:VW0400000

Fraction by Wt: <5%

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9293

Name:MANGANESE (SARA III). LD50: (ORAL, RAT) 9000 MG/MG.

CAS:7439-96-5

RTECS #:OO9275000

Fraction by Wt: <2%

OSHA PEL:(C) 5 MG/M3 DUST

ACGIH TLV:5 MG/M3 DUST 9293

Name:CARBON (MFR CAS #1333-86-4)

CAS:7440-44-0

RTECS #:FF5250100

Fraction by Wt: <2%

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:2 MG/M3 TDUST; 9293

Name:MOLYBDENUM (PEL/TLV AS MO, INSOLUBLE COMPOUNDS)

CAS:7439-98-7

RTECS #:QA4680000

Fraction by Wt: <2%

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3; 9293

Name:VANADIUM PENTOXIDE; (VANADIUM) (SARA III)

CAS:1314-62-1

RTECS #:YW2460000
Fraction by Wt: <2%
OSHA PEL:C,0.5 MG/M3
ACGIH TLV:0.05 MG/M3RDUST;9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Name:ALUMINUM (SARA III)
CAS:7429-90-5
RTECS #:BD0330000
Fraction by Wt: <2%
OSHA PEL:15MG/M3 TDUST;5 FUME
ACGIH TLV:10MG/M3 DUST;5 FUME

Name:SULFUR
CAS:7704-34-9
RTECS #:WS4250000
Fraction by Wt: <2%

Name:PHOSPHORUS (WHITE); (PHOSPHORUS) (SARA III)
CAS:7723-14-0
RTECS #:TH3500000
Fraction by Wt: <1%
OSHA PEL:0.1 MG/M3
ACGIH TLV:0.1 MG/M3
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Name:BISMUTH. LD50: (ORAL, RAT) 5 G/KG.
CAS:7440-69-9
RTECS #:EB2600000
Fraction by Wt: <1%

Name:COPPER (SARA III)
CAS:7440-50-8
RTECS #:GL5325000
Fraction by Wt: <1%
OSHA PEL:0.1MG/M3 FUME;1 DUST
ACGIH TLV:0.2MG/M3 FUME;1 DUST
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Name:LEADED ALLOYS CONSISTING OF INGREDIENT 17
RTECS #:9999999ZZ
Fraction by Wt: <1%

Name:LEAD (SARA III)
CAS:7439-92-1
RTECS #:OF7525000
Fraction by Wt: <1%
OSHA PEL:0.05 MG/M3
ACGIH TLV:0.15 MG/M3 DUST/FUME
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Name:SUPP DATA: WORKERS MELTING AND WORKING ALLOYS CONTAINING
NICKEL/CHROMIUM HAVE FOUND NO INCREASED RISK OF CANCER.(ING 19)
RTECS #:9999999ZZ

Name:ING 18: TARGET ORGANS: SKIN, EYES/NOSE, CENTRAL NERVOUS
SYSTEM.
RTECS #:9999999ZZ

Name:OTHER PREC: THE APPROPRIATE REGULATION NOTIFICATION WORKING
GUIDELINES. STEEL PRODS IN NATURAL STATE DO NOT (ING 21)
RTECS #:9999999ZZ

Name:ING 20: PRESENT INHAL/INGEST/CONTACT HAZ, HOWEVER, OPS SUCH AS BURNING, WELDING, SAWING, BRAZING, & GRINDING MAY(ING 22)
RTECS #:9999999ZZ

Name:ING 21: RELEASE FUMES AND/OR DUSTS WHICH MAY PRESENT HEALTH HAZARDS IF TLV'S ARE EXCEEDED.
RTECS #:9999999ZZ

Name:BASE METAL CONSISTING OF INGREDIENT 2
RTECS #:9999999ZZ

Name:IRON (PEL/TLV AS IRON OXIDE FUME)
CAS:7439-89-6
RTECS #:NO4565500
Fraction by Wt: 86-99%
OSHA PEL:10 MG/M3 (FE)
ACGIH TLV:5 MG/M3 (FE)

Name:ALLOYING ELEMENTS CONSISTING OF INGREDIENTS 4-15
RTECS #:9999999ZZ

Name:NICKEL (SARA III). LD50: (ORAL, RAT) 9000 MG/KG.
CAS:7440-02-0
RTECS #:QR5950000
Fraction by Wt: <5%
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3

Name:CHROMIUM (SARA III)
CAS:7440-47-3
RTECS #:GB4200000
Fraction by Wt: <5%
OSHA PEL:1 MG/M3
ACGIH TLV:0.5 MG/M3
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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===== Hazards Identification =====
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LD50 LC50 Mixture:SEE INGREDIENTS
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:NOTE: LEAD CAS #7439-92-1 APPEARS ON NAVY LISTING OF OCCUP CHEM REPRO HAZ. SEEK CONSULTATION FROM APPROP HLTH PROFESSIONALS CONCERNING LATEST HAZARD LIST INFO & SAFE HNDLG & EXPOS RECOMS . ACUTE :SHORT TERM EXPOS TO FUMES/DUST MAY PRODUCE IRRIT OF EYES & RESP SYS. INHAL OF HIGH CONC OF FRESHLY(EFTS OF OVEREXP)
Explanation of Carcinogenicity:NICKEL: GRP 2B (IARC), IARC MONOGRPH, VOL 49, P. 257, 1990; ANTICIP. TO BE CARCIN. (NTP), NTP 6TH ANN RPT ON CARCIN 1991
Effects of Overexposure:HLTH HAZ:FORMED OXIDE FUMES OF COPPER MAY CAUSE METAL FUME FEVER CHARACT BY METALLIC TASTE IN MOUTH, DRYNESS & IRRIT OF THROAT & INFLUENZA-LIKE SYMPS. CHRONIC:INHAL OF HIGH CONC OF IRON OXIDE FUMES/DU ST MAY LEAD TO BENIGN PNEUMOCONIOSIS (SIDEROSIS).INHAL/INGEST OF LEAD PARTICLES MAY RSLT IN LEAD-INDUCED(SUPP DATA)
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====
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First Aid:INGEST: CALL MD IMMEDIATELY . INHAL: IF EXPOSED TO EXCESSIVE LEVELS OF METAL FUMES, REMOVE TO FRESH AIR. SEEK MEDICAL AID IMMEDIATELY. SKIN: WASH WITH SOAP AND WATER. EYE: FLUSH WITH WATER FOR A T LEAST 15 MINUTES.

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

Extinguishing Media:USE MEDIA SUITABLE FOR SURROUNDING FIRE .
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT . STEEL PRODUCTS IN THE SOLID STATE PRESENT NO
FIRE OR EXPLOSION HAZARD.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:IN WELDING, PRECAUTIONS SHOULD BE
TAKEN FOR AIRBORNE CONTAMINANTS WHICH MAY ORIGINATE FROM COMPONENTS
OF THE WELDING ROD.
Other Precautions:PROD CONTAINS LEAD. ANY PROCESS RSLTG IN EXPOS TO >
0.5 MG/M3 OF METAL DUST MAY RSLT IN DAILY DOSE OF LEAD OF OVER 0.5
UG/DAY, THE DOSE > WHICH THE CA SAFE DRINKING WATER & TOX
ENFORCEMENT ACT OF 1986 REQS NOTIFICATION. REFER TO (ING 20)

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

Respiratory Protection:NIOSH/MSHA APPROVED DUST AND FUME RESPIRATOR
SHOULD BE USED TO AVOID EXCESSIVE INHALATION OF PARTICULATES WHEN
EXPOSURE EXCEEDS TLV'S.
Ventilation:LOCAL EXHST VENT SHLD BE UTILIZED WHEN WELDING, BURNING,
SAWING, BRAZING, GRINDING/MACHINING WHEN EXPOS EXCEEDS TLV'S.
Protective Gloves:IMPERVIOUS GLOVES .
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:OTHER PROTECTIVE EQUIPMENT SHOULD BE
UTILIZED AS REQUIRED BY THE WELDING STANDARDS.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
MP:>4532F,>2500C.HLTH HAZ:SYS TOX.SYMPS OF LEAD POISONING INCLUDE ABDOM
CRAMPS/ANEMIA/MUSCLE WEAKNESS & HDCH.PRLNGD EXPOS CAN CAUSE
BEHAVIORAL CHANGES, KIDNEY/CNS DAM & REPRO EFTS.EXPOS TO HIGH CONC
O F DUST & FUMES CAN CAUSE SENSIT DERM, INFLAMM &/ULCERATION OF
UPPER RESP TRACT.RECENT EPIDEMIOLOGICAL STUDIES OF(ING 18)

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

Melt/Freeze Pt:M.P/F.P Text:SUPP DATA
Spec Gravity:APPROX 7
Appearance and Odor:GRAY-BLACK, SOLID, ODORLESS.

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

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.
Stability Condition to Avoid:REACTS WITH STRONG ACIDS TO PROVIDE
HYDROGEN GAS.
Hazardous Decomposition Products:METALLIC DUST OR FUMES MAY BE PRODUCED
DURING WELDING, BURNING, GRINDING AND MACHINING. REFER TO ANSI
Z49.1.

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

Waste Disposal Methods:DISPOSE ACCORDING TO LOCAL, STATE AND FEDERAL
REGULATIONS.

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EPOXY MORTAR PART A, 06-0710	106-89-8 25068-38-6 68609-96-1
EPOXY MORTAR PART B, 06-0720	108-95-2
BURKEPOXY MORTAR PART C, MORTAR	14808-60-7 106-89-8 68609-96-1
2-METHOXYETHYL ETHER, 99+%, (SUPP DATA)	111-96-6
2-HYDROXYETHYL METHACRYLATE, 97%, 12863-5	868-77-9
2-FURALDEHYDE, 99%, A.C.S. REAGENT, 31991-0	98-01-1
2-CYANOETHYL N,N-DIISOPROPYLCHLORO- (SUPP D	89992-70-1
TITANIUM(IV) ETHOXIDE, TECH., 24475-9	3087-36-3 64-17-5
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SUPER CLEANER CO, SCCO	6834-92-0 111-76-2 1310-58-3 67-63-0
TRIMETHYLALUMINUM (TMAL SEMICONDUCTOR GRADE	75-24-1
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