

PROTECTIVE METAL ALLOYS,INC. -- MIL-R-5031B,CLASS 12/AMS 5786B -- 3439-00-178-8597
===== Product Identification =====

Product ID:MIL-R-5031B,CLASS 12/AMS 5786B
MSDS Date:01/01/1985
FSC:3439
NIIN:00-178-8597
MSDS Number: BDFWJ
=== Responsible Party ===
Company Name:PROTECTIVE METAL ALLOYS,INC.
Emergency Phone Num:201-891-5094
CAGE:60597
=== Contractor Identification ===
Company Name:PROTECTIVE MET
AL ALLOYS INC
Address:8726 PRODUCTION AVE SUITE A
Box:City:SAN DIEGO
State:CA
ZIP:92121
Country:US
Phone:619-271-1880
CAGE:60597

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

Ingred Name:GRAPHITE, SYNTHETIC
CAS:7440-44-0
RTECS #:FF5250100
Fraction by Wt: 0.12%
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:2 MG/M3 TDUST; 9293

Ingred Name:SILICON
Fraction by Wt: 1.0%
ACGIH TLV:20 MPPF SILICAT

Ingred Name:IRON ION (FE +2)
CAS:15438-31-0
RTECS #:NO6925000
Fraction by Wt: 6.0%
OSHA PEL

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

Ingred Name:CHROMIUM (SARA III)
CAS:7440-47-3
RTECS #:GB4200000
Fraction by Wt: 5.0%
OSHA PEL:1 MG/M3
ACGIH TLV:0.5 MG/M3; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

Effects of Overexposure:PULMONARY IRRITATION FROM DUST INHALATION,WHEN WELDING OPERATIONS ARE INVOLVED.

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

First Aid:INHALATION:REMOVE TO FRESH AIR WHEN WELDING OPERATIONS ARE INVOLVED.

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

Handling and Storage Precautions:AVOID INHALATION OF FUMES & DUST CREATED BY WELDING OPERATIONS.
Other Precautions:ARCS & SPARKS COULD BE SOURCE OF IGNITION OF OTHER COMBUSTIBLE PRODUCTS IN VICINITY OF WELDING ETC OPERATIONS.PROTECT ALL PERSONNEL FROM RADIATION FROM ELECTRIC WELDING SITES.

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

Respiratory Protection:WELD FUME RESPIRATOR FOR CONFINED SPACES,WHERE EXPOSURES > TLV.
Ventilation:LOCAL EXHAUST IN SEMI-OPEN OR POORLY VENTILATED SPACES.
Protective Gloves:WELDERS
Eye Protection:FULL WELDING HELMET
Other Protective Equipment:WELDERS CLOTHING FOR PROTECTION AGAINST SPARKS & HOT MATL.
Supplemental Safety and Health
ITEM IS CLASS 12 OF MIL-R-5031.BALANCE OF HAZ.INGREDIENTS:1001080MC-MOLYBDENNM-24 %-TLV:5MG/CUM;1000049NI-NICKEL 62.88 %

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===== Physical/Chemical Properti

es =====

HCC:N1

Appearance and Odor:WROUGHT WIRE,SOLID WITH NO FREE ELEMENTS.

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

Stability Indicator/Materials to Avoid:YES

NO KNOWN CONDITIONS

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

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