

TITANIUM & TITANIUM BASE ALLOYS

MSDS Number

BBDSF

National Stock Number

3439-00D001014

Product Name

TITANIUM & TITANIUM BASE ALLOYS

Manufacturer

ASTROLITE ALLOYS DIV OF ASTRO METALLURGICAL

Product Identification

Product ID:TITANIUM & TITANIUM BASE ALLOYS

MSDS Date:01/01/1987

FSC:3439

NIIN:00D001014

MSDS Number: BBDSF

Responsible Party

ASTROLITE ALLOYS,DIV. OF ASTRO METALLURGICAL

Emergency Phone: 805-484-3621

Cage: 2R602

Contractor

ASTROLITE ALLOYS DIV OF ASTRO METALLUGICAL

CAMARILLO, CA 93010-8714

US

805-484-3621

Cage: 2R602

Ingredients

TITANIUM(CAS#7440-32-6)

CAS: 7440-32-6

RTECS: XR1700000

ACGIH TLV: 10 MG/CUM

ALUMINUM (SARA III)

CAS: 7429-90-5

RTECS: BD0330000

OSHA PEL15MG/M3 DUST/5 FUME

ACGIH TLV: 10MG/M3 DUST; 9192

MOLYBDENUM

CAS: 7439-98-7

RTECS: QA4680000

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3; 9293

TIN

CAS: 7440-31-5

RTECS: XP7320000

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3; 9192

VANADIUM (SARA III)

CAS: 7440-62-2

RTECS: YW1355000

OSHA PELC,0.5 MG V2O5/M3 RD

ACGIH TLV: 0.05 MG V2O5/M3;9293

Hazards

Effects of

Overexposure:IRRITATION,DERMATITIS,COUGHING,GASTRO-INTESTINAL DISORDER;NI & CR ARE INKED TO NASAL,LUNG CANCERS.

First Aid

First Aid:SKIN:WASH W.SOAP & H*2O EYES:FLUSH W. H*2O. INGESTED:GIVE 2 GLASSES H*2O; INDUCE VOMITING.CALL A PHYSICIAN. INHALE:REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEED. KEEP WARM & QUIET. REMOVE CONTAMINATED CLOTHING. IF UNCONS DO NOT TAKE ANYTHING BY MOUTH.

Fire Fighting

Extinguishing Media:CLASS D EXTINGUISHER

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:FINELY DIVIDED TITANIUM POWDERS,DUST & CHIPS ARE POTENTIAL FIRE & EXPLOSION HAZARDS.

Accidental Release

Spill Release Procedures:IN SOLID FORM,THIS MATERIAL POSES NO SPECIAL CLEAN-UP PROBLEMS.RESIDUE FROM CUTTING OR GRINDING SHOULD BE SWEEPED OR VACUUMED & PLACED IN PROPERLY LABELED WASTE CONTAINERS.

Exposure Controls

Respiratory Protection:IF EXCED TLV,NIOSH/MSHA APPR SELF-CNTND BRTHG APP (POS PR MODE)

Ventilation:LOCAL EXHAUST.

Protective Gloves:RECOMMENDED.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NONE

Supplemental Safety and Health

MSDS DATED 2-5-86.

Chemical Properties

HCC:N1

Appearance and Odor:GRAY METALLIC SOLID,NO ODOR

Stability

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:NONE

Disposal

Waste Disposal Methods:KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS.

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