

NICKEL BASE ALLOY 718

MSDS Number

BBTWS

National Stock Number

9535-00F006087

Product Name

NICKEL BASE ALLOY 718

Manufacturer

G AND S TITANIUM INC

Product Identification

Product ID:NICKEL BASE ALLOY 718

MSDS Date:01/01/1987

FSC:9535

NIIN:00F006087

MSDS Number: BBTWS

Responsible Party

G & S TITANIUM, INC/WOOSTER, OH 44691

Emergency Phone: (216) 263-0564

Cage: FO168

Contractor

G & S TITANIUM, INC/WOOSTER, OH 44691

WOOSTER, OH 44691

(216) 263-0564

Cage: FO168

Ingredients

CHROMIUM (SARA III)

CAS: 7440-47-3

RTECS: GB4200000

Fraction By Weight: 18%

OSHA PEL1 MG/M3

ACGIH TLV: 0.5 MG/M3; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

MOLYBDENUM

CAS: 7439-98-7

RTECS: QA4680000

Fraction By Weight: 3%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3; 9293

TANTALUM

CAS: 7440-25-7

RTECS: WW5505000

Fraction By Weight: 5%

OSHA PEL5 MG/M3

ACGIH TLV: 5 MG/M3; DUST; 9192

IRON OXIDE

CAS: 1309-37-1

RTECS: NO7400000

Fraction By Weight: 19%

OSHA PEL10 MG/M3 (FE)

ACGIH TLV: 5 MG/M3(FE),B2; 9293

NICKEL (SARA III)

CAS: 7440-02-0

RTECS: QR5950000

Fraction By Weight: 54%

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3; 9192

Hazards

Effects of Overexposure:METALLIC TASTE/NAUSEA/TIGHTNESS OF CHEST/FEVER/IRRIT OF EYES, NOSE, THROAT & SKIN.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. IF VICTIM IS UNCONSCIOUS, ADMINISTER OXYGEN. SKIN: BRUSH OFF SKIN & CLOTHING. WASH W/SOAP & WATER. CLEANSE WOUNDS. EYES: FLUSH WITH WATER. SEEK MEDICAL ATTENTION. INGESTION: SEEK MEDICAL ATTENTION.

Fire Fighting

Flash Point:NONFLAMMABLE

Extinguishing Media:SAND, DOLOMITE, GRAPHITE POWDER, OR SODIUM CHLORIDE.

Unusual Fire/Explosion Hazard:MODERATE FIRE & EXPLOSIVE HAZARD WHEN EXPOSED TO HEAT, FLAME, ELECTRIC CURRENT, OR SPARK.

Accidental Release

Spill Release Procedures:RESIDUE FROM CUTTING OR GRINDING SHOULD BE SWEEPED OR VACUUMED & PLACE IN SUITABLE CONTAINERS.

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Handling

Handling and Storage Precautions:PREVENT ACCUMULATION OF DUST, GRINDINGS, ETC. THROUGH THE USE OF GOOD HOUSEKEEPING PRACTICES.

Exposure Controls

Respiratory Protection:IF TLV ARE EXCEEDED, USE OSHA APPROVED RESPIRATOR.

Ventilation:PROVIDE EXHAUST VENTILATION TO KEEP Eye Protection:GOGGLES

Other Protective Equipment:TO BE USED WHEN CUTTING, GRINDING, OR WELDING.

Supplemental Safety and Health

MSDS UNDATED. ALSO CONTAINS: TITANIUM 1%. —

Chemical Properties

Solubility in Water:INSOLUBLE

Appearance and Odor:STEEL GRAY IN COLOR.

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, CONCENTRATED NITRIC/CHROMIC ACIDS.

Disposal

Waste Disposal Methods:DISPOSAL BY LOCAL, STATE, OR FEDERAL DISPOSAL REGULATIONS.

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