

TITANIUM CP, TITANIUM 6-4, ETC.

MSDS Number

BBPDG

National Stock Number

3439-00F003944

Product Name

TITANIUM CP, TITANIUM 6-4, ETC.

Manufacturer

A M CASTLE

Product Identification

Product ID:TITANIUM CP, TITANIUM 6-4, ETC.

MSDS Date:01/01/1987

FSC:3439

NIIN:00F003944

MSDS Number: BBPDG

Responsible Party

A.M. CASTLE/FRANKLIN PARK, IL 60131

Emergency Phone: (312) 455-7111

Cage: 11045

Contractor

CASTLE A M AND CO

FRANKLIN PARK, IL 60131-1319

US

847-455-7111

Cage: 11045

Ingredients

TITANIUM DIOXIDE

CAS: 13463-67-7

RTECS: XR2275000

Fraction By Weight: 99%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

ALUMINUM (SARA III)

CAS: 7429-90-5

RTECS: BD0330000

Fraction By Weight: 6%

OSHA PEL15MG/M3 DUST/5 FUME

ACGIH TLV: 10MG/M3 DUST; 9192

VANADIUM PENTOXIDE (SARA III)

CAS: 1314-62-1

RTECS: YW2460000

Fraction By Weight: 10%
OSHA PELC,0.5 MG/M3
ACGIH TLV: 0.05 MG/M3RDUST;9293
EPA Report Quantity: 1000 LBS
DOT Report Quantity: 1000 LBS

IRON OXIDE
CAS: 1309-37-1
RTECS: NO7400000
Fraction By Weight: 48%
OSHA PEL10 MG/M3 (FE)
ACGIH TLV: 5 MG/M3(FE),B2; 9293

MOLYBDENUM
CAS: 7439-98-7
RTECS: QA4680000
Fraction By Weight: 6%
OSHA PEL15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3; 9293

Hazards

Effects of Overexposure:SENSITIZATION
DERMATITUS/INFLAMMATION/ULCERATION OF UPPER RESP TRACT/CANCER OF
NASAL PASSAGE/LUNGS

First Aid

First Aid:IF EXPOSED TO EXCESSIVE LEVELS OF METAL FUMES, REMOVE TO
FRESH AIR, SEEK MEDICAL AID IMMEDIATELY. EYES: FLUSH WITH WATER FOR
AT LEAST 15 MINUTES.

Fire Fighting

Extinguishing Media:DRY CHEMICAL POWDERS, SALTS OR INERT GAS. DON'T USE
WATER.
Fire Fighting Procedures:STORE WET/KEEP AWAY FROM HEAT/OPEN
FLAME/PREVENT BUILD-UP.
Unusual Fire/Explosion Hazard:THIS PRODUCT IN THE ABSENCE OF
OXYGEN/WATER, CAN RESULT IN A FINELY DIVIDED WASTE WHICH IS
IGNITABLE

Handling

Handling and Storage Precautions:KEEP WORK AREAS FREE OF WASTE. NO
SMOKING IN AREA. USE NON-SPARKING METAL EQUIPMENT.

Exposure Controls

Respiratory Protection:NIOSH/MSHA-APPROVED DUST/FUME, RESP SHOULD BE
USED WHEN EXCEED TLV'S
Ventilation:LOCAL EXHAUST VENTILATION TO KEEP BELOW TLV'S
Eye Protection:SAFETY GLASSES OR GOGGLES
Other Protective Equipment:OTHER PROTECTIVE EQUIPMENT SHOULD BE
UTILIZED AS REQUIRED.
Supplemental Safety and Health
MSDS DATED: 25 NOV 1985. MELTING POINT: 1560-1840C. ALSO CONTAINS: TIN
5%/ZIRCONIUM 4%/MANGANESE 5%/TANTALUM 2.5%/NICKEL .8%.

Chemical Properties

Appearance and Odor:GRAY METALLIC, ODORLESS

Stability

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:MAINTAIN HUMIDITY ABOVE 50% TO PREV. AN
ELECTROSTATIC BLD-UP

Hazardous Decomposition Products:FUMES MAY BE PRODUCED DURING
WELDING/BURNING/GRINDING

Disposal

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

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