

TICONIUM CO DIVISION OF CMP INDUSTRIES INC -- PREMIUM 100 DENTURE ALLOY; P/N P10L12 --  
6520-01-156-3085

===== Product Identification =====

Product ID:PREMIUM 100 DENTURE ALLOY; P/N P10L12  
MSDS Date:05/01/1991  
FSC:6520  
NIIN:01-156-3085  
MSDS Number: BSRCX  
=== Responsible Party ===  
Company Name:TICONIUM CO DIVISION OF CMP INDUSTRIES INC  
Address:413 N PEARL ST  
City:ALBANY  
State:NY  
ZIP:12207-1311  
Co  
untry:US  
Info Phone Num:518-434-3147/800-424-9300(CHEMTREC)  
Emergency Phone Num:518-434-3147  
CAGE:65024  
=== Contractor Identification ===  
Company Name:TICONIUM CO DIVISION OF CMP INDUSTRIES INC  
Address:413 N PEARL ST  
Box:City:ALBANY  
State:NY  
ZIP:12207-1311  
Country:US  
Phone:518-434-3147  
CAGE:65024

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

Ingred Name:CHROMIUM (SARA III)  
CAS:7440-47-3  
RTECS #:GB4200000  
Fraction by Wt: 10-20% %  
Other REC Limits:NONE RECOMMENDED  
OSHA PE

L:1 MG/M3  
ACGIH TLV:0.5 MG/M3; 9394  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:NICKEL (SARA III)  
CAS:7440-02-0  
RTECS #:QR5950000  
Fraction by Wt: 50-80% %  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9394

Ingred Name:MOLYBDENUM  
CAS:7439-98-7  
RTECS #:QA4680000  
Fraction by Wt: 0-10% %  
Other REC Limits:10 MG/M3

Ingred Name:MANGANESE (SARA III)  
CAS:7439-96-5  
RTECS #:OO9275000  
Fraction by Wt: 0-10% %  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C 5 MG/M3  
ACGIH TLV:5 MG/M  
3, DUST; 9394

Ingred Name:ALUMINUM (SARA III)  
CAS:7429-90-5  
RTECS #:BD0330000  
Fraction by Wt: 0-10% %  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15MG/M3 DUST/5 FUME  
ACGIH TLV:10MG/M3 DUST; 9394

Ingred Name:BERYLLIUM (SARA III)  
CAS:7440-41-7  
RTECS #:DS1750000  
Fraction by Wt: 0-5% %  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.002 MG/M3; Z-2  
ACGIH TLV:0.002MG/M3, A2; 9394

==== Hazards Identification =====

LD50 LC50 Mixture:TLV .002 MG/M3 (BERYLLIUM)  
Routes

of Entry: Inhalation: YES Skin: YES Ingestion: NO  
Reports of Carcinogenicity: NTP: YES IARC: YES OSHA: YES  
Health Hazards Acute and Chronic: HIGH DUST CONCENTRATIONS MAY CAUSE IRRITATION OF EYES AND THROAT. LONG TERM EXPOSURE COULD CAUSE PULMONARY DISEASE. NICKEL SENSITIVE PERSONS MAY EXPERIENCE DERMATITIS.  
Explanation of Carcinogenicity: CONTAINS BERYLLIUM WHICH IS LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN. ALSO CONTAINS NICKEL AND CR.  
Effects of Overexposure: EYE IRRITATION, UPPER RESPIRATORY TRACT IRRITATION, PULMONARY INJURY.  
Medical Condition Aggravated by Exposure: NICKEL SENSITIVE PERSONS MAY EXPERIENCE DERMATITIS .

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

First Aid: INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, PERFORM CPR. SEEK MEDICAL ASSISTANCE IMMEDIATELY. INGESTION: INDUCE VOMITING. OBTAIN MEDICAL ASSISTANCE. SKIN: WASH WITH SOAP AND WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. EYES: FLUSH WITH WATER. SEEK MEDICAL ATTENTION.

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

Flash Point: NONFLAMMABLE  
Lower Limits: NOT GIVEN  
Upper Limits: NOT GIVEN  
Extinguishing Media: NONFLAMMABLE. USE MEDIA SUITABLE FOR SURROUNDING FIRE.  
Fire Fighting Procedures: NONFLAMMABLE. USE PROCEDURES SUITABLE FOR SURROUNDING FIRE.  
Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures: IN SOLID FORM THIS MATERIAL POSES NO SPECIAL CLEAN UP PROBLEMS. REMOVE DUST BY VACUUMING OR WET SWEEPING. PROTECTIVE CLOTHING NOT NORMALLY REQUIRED DURING CLEANUP.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: SEGREGATE FROM MINERAL ACIDS AND OXIDIZING AGENTS. USE SUGGESTED PERSONAL PROTECTION EQUIPMENT.  
Other Precautions: NONE SPECIFIED BY MANUFACTURER

ER.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.

Ventilation:MECHANICAL EXHAUST

Protective Gloves:LEATHER WORK GLOVES

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:GRINDING EQUIPMENT SHOULD BE PROVIDED WITH ADEQUATE EXHAUST SYSTEM.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:T7

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NIL

Spec Gravity:8.0

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NEGLIGIBLE

Appearance and Odor:5/8" DIAMETER, 5 /8" LONG, NO ODOR

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

MINERAL ACIDS, STRONG OXIDIZING AGENTS

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:VARIOUS ELEMENTAL METALS AND METAL FUMES AND METAL OXIDES MAY BE GENERATED FROM MELTING.

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

Waste Disposal Methods:PREVENT WASTE FROM

## CONTAMINATING SURROUNDING

ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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