



MICRO-BOND N/P2 ALLOY

MSDS Number

BBLXQ

National Stock Number

6520-00F002883

Product Name

MICRO-BOND N/P2 ALLOY

Manufacturer

AUSTENAL DENTAL INC

Product Identification

Product ID: MICRO-BOND N/P2 ALLOY

MSDS Date: 04/02/1987

FSC: 6520

NIIN: 00F002883

MSDS Number: BBLXQ

Responsible Party

AUSTENAL DENTAL, INC

5101 SOUTH KEELER AVENUE

CHICAGO , IL 60632

Emergency Phone: (312) 735-0601

Info Phone: (800) 621-0176

Cage: EO702

Contractor

AUSTENAL DENTAL, INC

CHICAGO, IL 60632

(800) 621-0176

Cage: EO702

Ingredients

CHROMIUM, ION (CR 3+)

CAS: 16065-83-1

RTECS: GB6261000

ACGIH TLV: 500 UG/M3

MOLYBDENUM (INSOLUBLE)

CAS: 1439-98-7

OSHA PEL15 MG/CUM

ACGIH TLV: 10 MG/CUM

NICKEL (ANTIMONY, TITANIUM YELLOW PIGMENT)

CAS: 8007-18-9

ACGIH TLV: 0.5 MG/CUM

Hazards



Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:YES
Health Hazards Acute and Chronic:SKIN: DERMATITIS. INHALATION:
CONJUNCTIVITIS, CHOROIDITIS, RETINITIS, SIDEROSIS OF TISSUE, & METAL
FUME FEVER.
Explanation of Carcinogenicity:NICKEL CHROMIUM ALLOYS & OTHER ELEMENT
COMPONENTS OF ALLOY WHEN IN THE FORM OF DUST/POWDER/COMPOUNDS MAY
BE CARCINOGENIC.
Effects of Overexposure:INHALATION: CONJUNCTIVITIS, CHOROIDITIS,
RETINITIS,SIDEROSIS OF TISSUES & METAL FUME FEVER. SKIN:
DERMATITIS.
Medical Cond Aggravated by Exposure:DERMATITIS

First Aid

First Aid:INHALATION: REMOVE VICTIM TO FRESH AIR, BEGIN ARTIFICIAL
RESPIRATION IF VICTIM IS NOT BREATHING. SKIN: WASH W/SOAP & WATER.
INGESTION: SEEK MED ATTN. EYES: FLUSH W/WATER & SEEK MED ATTN.

Fire Fighting

Extinguishing Media:SAND, DOLOMITE, GRAPHITE POWDER, SODIUM CHLORIDE
Fire Fighting Procedures:SOLID METAL IS NON-IGNITABLE.
Unusual Fire/Explosion Hazard:DUST & POWDER IS A MODERATE FIRE &
EXPLOSION HAZARD WHEN EXPOSED TO HEAT, FLAME, ELECTRIC CURRENT OR
STATIC ELECTRICITY.

Accidental Release

Spill Release Procedures:SOLID FORMS: SWEEP UP & RETURN TO CONTAINER.
DUST: WEAR PROTECTIVE CLOTHING. MINIMIZE AIRBORNE DUST. USE VACUUM
OR WET SWEEPER TO ACCUMULATE.

Handling

Handling and Storage Precautions:SOLID FORMS: NO UNUSUAL HANDLING
PRECAUTIONS. DUST & POWDERS: EXTINGUISH SOURCES OF HEAT & FIRE WHEN
HANDLING DUST & POWDERS.
Other Precautions:USE OF DUST COLLECTORS WILL MINIMIZE ACCUMULATION OF
DUST. WEAR APPROPRIATE PROTECTIVE CLOTHING & EQUIPMENT WHEN
CLEANING DUST COLLECTORS. DON'T EAT, DRINK OR SMOKE IN AREAS WHERE
DUST OR FUMES ARE GENERATED. AVOID EYE CONTACT.

Exposure Controls

Respiratory Protection:NO RESPIRATORS ARE NECESSARY IF TLV IS
MAINTAINED.
Ventilation:PROVIDE LOCAL EXHAUST VENTILATION IN AREA WHERE DUST &
FUMES ARE PRODUCED TO KEEP Eye Protection:GOGGLES, SAFETY GLASSES
Other Protective Equipment:NONE
Supplemental Safety and Health
NICKEL, CHROMIUM (ELEMENTAL), CHROMIUM IS A SUSPECTED/INDEFINITE ANIMAL
CARCINOGEN.

Chemical Properties

Melt/Freeze Pt:M.P/F.P Text:1329
Spec Gravity:8.6
Solubility in Water:INSOLUBLE
Appearance and Odor:GREY IN COLOR WHEN SANDBLASTED & LUSTROUS
APPEARANCE WHEN POLISHED. NO ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, NITRIC & CHROMIC ACIDS.
Stability Condition to Avoid:HEAT, FLAME, ELECTRIC CURRENT, & STATIC
ELECTRICITY
Hazardous Decomposition Products:NONE

Disposal

Waste Disposal Methods:DUST: DON'T FLUSH INTO DRAINS OR WATERWAYS.
ACCUMULATE & STORE IN A SEALED METAL OR PLASTIC DRUM. DISPOSE OF IN
APPROVED LANDFILL SITE PER FEDERAL, STATE, & LOCAL EPA REGULATIONS.



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