

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION
SECTION 2: COMPOSITION INFORMATION OF INGREDIENTS

Product Name: Orion

Chemical Name Cobalt (Co) Chromium (Cr) Molybdenum (Mo) Tungsten (W) Silicon (Si)

Amount 59.00-62.00% 25.75-26.50% 5.75-6.50% 4.75-5.50% .75-1.50%

Company Names:

CAS Number 7440-48-4 7440-47-3 7439-98-7 7440-33-7 7440-21-3

Indenco Dental Products, Inc. 149 N. Maple St. Ste. B Corona, CA. 92880
(951) 520-1300

SECTION 3: HAZARD IDENTIFICATION

Hazards: Chemical Name

Cobalt(Co) Chromium (Cr) Molybdenum um Tungsten (W) Silicon (Si)

SECTION 4: FIRST AID MEASURES

Exposure Limit mW/m³

OSHA PEL	ACGIHTL V
0.1	.05
1.0	.05
5.0	5.00
None	5.00
15.0	10.00

Emergency and First Aid Procedures:

Eyes: Rinse opened eye for several minutes under running water. Seek medical attention if irritation persists. Skin: Immediately wash with water and soap and rinse thoroughly. Seek medical attention if irritation occurs. Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Keep patient warm. Seek medical attention.

Ingestion: Seek immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Product is not flammable. Use fire fighting measures that suit the surrounding fire. Special

Fire Fighting Procedures: None

Unusual Fire & Explosion Hazards: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Release dust by vacuuming. No special precautions for bulk shapes.

SECTION 7: HANDLING AND STORAGE

Storage: Keep in a container.

Handling:

Eyes: Wear appropriate NIOSH approved safety glasses Skin:

Wear rubber gloves

Clothing: Wear appropriate clothing to prevent exposure

Respirators: Use in well ventilated area.

SECTION 8: EXPOSURE CONTROLS PERSONAL PROTECTION Eyes:

Wear appropriate NIOSH approved safety glasses

Skin: Wear rubber gloves

Clothing: Wear appropriate protective clothing to prevent exposure

Respirators: Use in well ventilated area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Platinum color Odor: None

Boiling Point: N/A

Melting Point: 1260-1371^U C (2300-2500° F)
Flammability: Non-flammable
Solubility In Water: Insoluble
Density: 8.55 gm/cc³

SECTION 10: STABILITY AND REACTIVITY

Material to Avoid: Oxidizing agents, acids
Conditions to Avoid: Decomposition will not occur if used and stored according to the specifications Hazardous
Decomposition Products:
Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

This alloy is non-cytotoxic and biocompatible.

SECTION 12: ECOLOGICAL INFORMATION

Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Use proper landfill disposal in accordance with local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

Not available

SECTION 15: REGULATORY INFORMATION

Federal law restricts this device to sale by or on the order of a dentist.

SECTION 16: OTHER INFORMATION

Avoid inhalation of fumes and dust. Melt, grind, solder and polish with adequate local and general ventilation.

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