

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION



Great Lakes Orthodontics
200 Cooper Ave
Tonawanda, NY 14150

716-871-1161
800-828-7626
CHEMTREC: 800-424-9300

Product Name: Lingual Bars
Product Number: 090-026, 090-027, 090-028, 090-029, 090-030

Effective Date: 10/30/13

SECTION 2. HAZARDOUS IDENTIFICATION

Potential Health Effects:

Primary Routes of Entry

- None

Medical Conditions Aggravated by Exposure

- None

Human Effects and Symptoms of Overexposure:

Skin

None.

Ingestions

None.

Chronic Effects or Exposure

None.

Carcinogenicity

No carcinogenic substances as defined by IARC, NTP and / or OSHA.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Hazardous Components</u>	<u>%</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Aluminum (Dust / Fumes)	0 – 2.0	7429-90-5		10 mg/m ³ / 5 mg/m ³
Carbon (as Carbon Black)	0 – 2.0	1333-86-4	3.5 mg/m ³	3.5 mg/m ³
Chromium	.10 – 35.0	7440-47-3	1.00 mg/m ³	.50 mg/m ³
Cobalt	0 – 5.0	7440-48-4	.10 mg/m ³	(.10)**
Copper (Dust / Fumes)	0 – 4.5	7440-50-8	1.00 mg/m ³ / .10 mg/m ³	1.00 mg/m ³ / .20 mg/m ³
Iron (PEL-iron / Oxide Fumes / TLB as Fe)	40.0 – 99.0	1309-37-1	10 mg/m ³	5.00 mg/m ³
Manganese (Dust / Fumes)	0 – 15.0	7439-96-5	5.00 mg/m ³	5.00 mg/m ³ / 1.00 mg/m ³
Molybdenum (Insol. Cmpd)	0 – 10.0	7439-98-7	15.0 mg/m ³	10.00 mg/m ³
Nickel	0 – 35.0	7440-02-0	1.00 mg/m ³	1.00 mg/m ³
Silicon (Respirable Dust)	0 – 5.0	7440-02-0	0 – 5.0 mg/m ³	5.00 mg/m ³
Sulfur (As Sulf. Dioxide)	0 – 0.4	7446-09-5		5.00 mg/m ³
Titanium (As Ti Dioxide)	0 – 2.5	13463-67-7	15.00 mg/m ³	5.00 mg/m ³
Vanadium (Dust / Fumes)	0 – 4.5	1314-62-1	.50 mg/m ³ / .10 mg/m ³	.05 mg/m ³ / .05 mg/m ³
Tungsten (Insol. Cmpd)	0 – 6.5	7440-33-7		5.00 mg/m ³

SECTION 4. FIRST AID MEASURES**Eye Contact**

Not applicable

Skin Contact

Not applicable

Inhalation

Not applicable

Ingestion

Not applicable

SECTION 5. FIRE FIGHTING MEASURES**Suitable Extinguishing Media**

None

Special Fire Fighting Procedures

None

Unusual Fire / Explosion Hazards

None

SECTION 6. ACCIDENTAL RELEASE MEASURES**Spill and Leak Procedures**

None.

SECTION 7. HANDLING & STORAGE

Handling / Storage Precautions

None.

Further Info on Storage Conditions

None.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Industrial Hygiene

Not applicable.

Ventilation Measures

Not applicable.

Respiratory Protection

None.

Hand Protection

None.

Eye Protection

None.

Additional Protective Measures

None.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

Not applicable

SECTION 10. STABILITY & REACTIVITY

Hazardous Reactions – Hazardous polymerization will not occur.

Stability – Stable

Materials to Avoid – None

Conditions to Avoid – None

Hazardous Decomposition Products – None.

SECTION 11. TOXICOLOGICAL INFORMATION

Not applicable

SECTION 12. ECOLOGICAL INFORMATION (non-mandatory)

Not applicable

SECTION 13. DISPOSAL CONSIDERATIONS (non-mandatory)

Waste Disposal Method

Not applicable.

SECTION 14. TRANSPORT INFORMATION (non-mandatory)

Not applicable.

SECTION 15. REGULATORY INFORMATION (non-mandatory)

Not applicable.

SECTION 16. OTHER INFORMATION (non-mandatory)

Not applicable.