SAFETY DATA SHEET

SECTION 1. INDENTIFICATION

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

Hazardous Components	%	CAS#	OSHA PEL	ACGIH TLV
Aluminum (Dust / Fumes)	0 – 2.0	7429-90-5		10 mg/m³ / 5 mg/m³
Carbon (as Carbon Black)	0 – 2.0	1333-86-4	3.5 mg/m³	3.5 mg/m³
Chromium	.10 – 35.0	7440-47-3	1.00 mg/m³	.50 mg/m³
Cobalt	0 – 5.0	7440-48-4	.10 mg/m³	(.10)**
Copper (Dust / Fumes)	0 – 4.5	7440-50-8	1.00 mg/m³ / .10 mg/m³	1.00 mg/m³ / .20 mg/m³
Iron (PEL-iron / Oxide Fumes / TLB as Fe)	40.0 – 99.0	1309-37-1	10 mg/m³	5.00 mg/m³
Manganese (Dust / Fumes)	0 – 15.0	7439-96-5	5.00 mg/m³	5.00 mg/m³ / 1.00 mg/m³
Molybdenum (Insol. Cmpd)	0 – 10.0	7439-98-7	15.0 mg/m³	10.00 mg/m³
Nickel	0 – 35.0	7440-02-0	1.00 mg/m³	1.00 mg/m³
Silicon (Respirable Dust)	0 – 5.0	7440-02-0	0 – 5.0 mg/m³	5.00 mg/m³
Sulfur (As Sulf. Dioxide)	0 – 0.4	7446-09-5		5.00 mg/m³
Titanium (As Ti Dioxide)	0 – 2.5	13463-67-7	15.00 mg/m³	5.00 mg/m³
Vanadium (Dust / Fumes)	0 – 4.5	1314-62-1	.50 mg/m³ / .10 mg/m³	.05 mg/m³ / .05 mg/m³
Tungsten (Insol. Cmpd)	0 – 6.5	7440-33-7		5.00 mg/m³

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.