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: Great Lakes Master Wax
Product Number: 260-026

Effective Date: 11/18/11

SECTION 2. HAZARDOUS IDENTIFICATION

Potential Health Effects:

Primary Routes of Entry

- Inhalation
- Ingestion
- Skin Contact
- Eye Contact

Human Effects and Symptoms of Overexposure:

Skin and Eye

No danger at room temperature.

Inhalation

Not likely to occur as the product is not volatile at room temperature

Ingestion

May cause gastrointestinal irritation, nausea, vomiting and diarrhea if ingested in large quantity.

Carcinogenicity

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

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

SECTION 4. FIRST AID MEASURES

Eye Contact

Exposure to fumes, vapors, or smoke of the thermally degraded product can result in irritation to the eye and direct contact of the molten material will cause eye injury and burns. Should an accident occur, flush eyes with generous amounts of water for at least 15 minutes. Call a physician to attend to the injury.

Skin Contact

Exposure to fumes, vapors, or smoke of the thermally degraded product can result in irritation to the skin and direct contact of the molten material will cause injury and burns. For burns, apply running water over the injured area for 15 minutes. Do not attempt to remove any material bonded to skin. Call a physician to attend to the injury.

Inhalation

Remove individual to a well-ventilated area for fresh air and call a physician to attend to the injury.

Ingestion

Material is not acutely toxic by ingestion. If material is ingested, do not induce vomiting. Call a physician.

SECTION 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Treat as an oil fire. Foam, Dry chemical, Carbon Dioxide (CO2)

Special Fire Fighting Procedures

Keep people away from fire and smoke. Wear full firefighting turnout gear and respiratory protection (SCBA).

Unusual Fire / Explosion Hazards

This product will burn if involved in a fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedures

- Small Spills – Not likely to occur in solid format. Sweep and scrap the spill.
- Large Spills – Not likely to occur in solid format. May melt if exposed to excessive heat. In that case, let the material solidify and scrap the spill.

SECTION 7. HANDLING & STORAGE

Storage temperature

Do not store at temperatures > 50 °C (120 °F) or near spark or open flame.

Handling Precautions

Handle as a fragile material. Wash thoroughly exposed body part after using.

Handling / Storage Precautions

Normal precaution should be followed in handling and storage. Store in a dry and cool place. Keep out of strong sunlight.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection
No special respiratory protection is normally required.
Hand Protection
Rubber gloves to prevent burning with the melted wax.
Eye Protection
Protective goggle to prevent burning by splatter of melted wax.
Clothing
Standard industrial.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

- **Appearance –** Wax Sheets
- **Color –** Various colors
- **Odor –** Odorless
- **Physical State –** Solid @ 25 °C (77 °F)
- **Boiling Point –** Not available
- **Melting Point** - ~ 65 °C (150 °F)
- **Flash Point** – Not Available
- **Specific Gravity (H2O=1)** - < 1
- **Vapor Pressure –** < 0.01 @ 25 °C (77 °F)
- **Solubility in Water –** Insoluble
- **Solubility in Organic Solvent –** Soluble

SECTION 10. STABILITY & REACTIVITY

Hazardous Reactions – Hazardous polymerization will not occur.
Stability – Stable
Materials to Avoid – Normally unreactive; however avoid contact with strong oxidizing agent (i.e.: Peroxides, chlorine).
Hazardous Decomposition Products – Burning can produce noxious and toxic fumes, and the following combustion products: Oxides of carbon and other complex chemical.

SECTION 11. TOXICOLOGICAL INFORMATION

- Mutagenicity / Teratogenicity – Not listed
- Irritancy of Material – None known
- Reproductive Effects – None known
- Sensitizing Capability – None known
- Synergistic Materials – None known

SECTION 12. ECOLOGICAL INFORMATION (non-mandatory)

This product is stable in water, and can be mechanically separated from water. The water may be suitable for disposal in a biological waste water treatment plant. Not expected to be acutely toxic to aquatic organism.

SECTION 13. DISPOSAL CONSIDERATIONS (non-mandatory)

Waste Disposal Method

Incineration is probably the best mean of disposal. Dispose as industrial waste in accordance with appropriate Federal, State, and local regulation.

SECTION 14. TRANSPORT INFORMATION (non-mandatory)

Not regulated:

- DOT
- IATA
- ICAO
- IMO
- TDG
- UN / NA – None necessary

SECTION 15. REGULATORY INFORMATION (non-mandatory)

Hazard Details of Section 2 – None
SARA Status – No reporting requirement
SARA Hazard Cat. – None
TSCA Status – All ingredients of this product are listed on the U.S. EPA TSCA (Toxic Substances Control Act) Chemical Substance Inventory.
DSL Status - All ingredients of this product are listed on the Canadian EPA (CEPA) Domestic Substances List (DSL).
EINECS Status – All ingredients of this product are listed on the European Inventory of Existing Chemical Substances (EINECS).
AICS Status – All ingredients of this product are listed on the Australian Inventory of Chemical Substances (AICS).
OSHA Status – Not a controlled or hazardous material as defined by U.S. OSHA HCS (29 CFR 1910.1200).
WHMIS Status – Not a controlled or hazardous material.

OSHA HCS Compliance – SDS of the product is classified in accordance with all required information for his hazard criteria under the Health Communication Standards of the U.S. OSHA.
WHMIS CPR Compliance - SDS of the product is classified in accordance with all required information for his hazard criteria under the Controlled Products Regulations of the Canadian WHMIS.
ANSI Z400.1-1993 Compliance – SDS of the product is made following the Z400.1-1993 standards of the ANSI.

SECTION 16. OTHER INFORMATION (non-mandatory)

HMIS Rating:

- **Health –** 0
- **Flammability –** 1
- **Reactivity –** 0

NFPA Rating:

- Fire – 1
- Health – 0
- Reactivity – 0
- Personal Protection – See Section #8.

0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe

* = Chronic Health Hazard