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: Lip Retractors
Product Number: 300-612, 300-614

Effective Date: 7/24/13

SECTION 2. HAZARDOUS IDENTIFICATION

Potential Health Effects:

Primary Routes of Entry

- Ingestion
- Skin Contact
- Eye Contact

Medical Conditions Aggravated by Exposure

- None.

Human Effects and Symptoms of Overexposure:

Skin

None.

Ingestions

None.

Inhalation

None.

Eyes

Fumes or vapors generated from decomposing resin may be irritating to eyes.

General Effects of Exposure

None.

Carcinogenicity

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

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components	CAS #
Polycarbonate 40%	25929-04-8
ABS 60%	9003-56-9

SECTION 4. FIRST AID MEASURES

Skin

In case of pellets or powder, wash with water. In case of melting, wash affected skin area and clothing with plenty of soap and water.

Ingestions

Induce vomiting. Rinse mouth with water. Seek medical advice if necessary.

Inhalation

In case of gases evolving from melted resin, move subject to fresh air. Treat Symptomatically.

Eyes

In case of pellets or powder, flush with plenty of water for at least 15 minutes. Seek medical advice if any dust particles still remain.

SECTION 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Water, Foam, Dry chemical

Special Fire Fighting Procedures

Self-contained breathing apparatus.

Unusual Fire / Explosion Hazards

None.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedures

Recovery if not contaminated or disposal. Pellets or powder remaining on ground may cause slipping. Gather pellets and powder thoroughly to avoid birds or fishes taking from draining water.

SECTION 7. HANDLING & STORAGE

Handling Precautions

Prevent from fire around handling area. Maintain good housekeeping standards to prevent accumulation of dust. To avoid dust explosion resulting from the existence of powder, electrostatics eliminators and grounding should be fixed to such equipment as air transferring pipes, bag filters, and hoppers. Use electrically conductive filters for bag filters.

Storage Precautions

Keep the materials in a cool dry place. Protect from direct sunlight, rain, and violent temperature fluctuation. Fire is inhibited around storage area.

Further Info on Storage Conditions

None.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation Measures
Necessary to exclude dust, fumes, and gases.
Respiratory Protection
Wear masks for cleaning molding machines.
Eye Protection
Wear safety glasses for general purpose. Wear chemical goggles for cleaning molding machines.
Additional Protective Measures
None.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

- **Appearance** - Pellet
- **Odor –** Odorless
- **Auto Ignition –** > 450°
- **Solubility in Water –** Insoluble in water
- **Melting Point –** This product does not exhibit a sharp melting point, but softens gradually over a wide temperature range.

Not applicable – Flash Point

SECTION 10. STABILITY & REACTIVITY

Hazardous Reactions – Hazardous polymerization does not occur.
Stability – Stable and non-reactive under normal handling and storage conditions.
Materials to Avoid – None known.
Conditions to Avoid – None known.
Hazardous Decomposition Products – Thermal decomposition gases – processing fumes evolved at recommended processing conditions may include trace levels of Triaryl Phosphate Ester, Styrene, Alkyl phenols, Acetophenone, Cumene, Phenol, Alpha-phenol, Diary carbonates, Etc.
Hazardous Products of Combustion – Carbon Dioxide, Carbon Monoxide

SECTION 11. TOXICOLOGICAL INFORMATION

Not applicable

SECTION 12. ECOLOGICAL INFORMATION (non-mandatory)

Not applicable

SECTION 13. DISPOSAL CONSIDERATIONS (non-mandatory)

Waste Disposal Method
Controlled incineration or landfill according to local, state, or national laws and regulations concerning health and pollution. Inadequate incineration may generate toxic gases such as CO2, CO, HCN, AN, SM, phosphorous oxides, and Hydrocarbon fragments.

SECTION 14. TRANSPORT INFORMATION (non-mandatory)

Not applicable

SECTION 15. REGULATORY INFORMATION (non-mandatory)

Not applicable

SECTION 16. OTHER INFORMATION (non-mandatory)

Not applicable