

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: Cheek Retractors, Safety Latch, Connecting Arm Insert, Flexible Connector
Product Number: 300-201, 300-400, 300-401, 300-402, 300-405, 300-406, 300-414, 300-417

Effective Date: 7/24/13

SECTION 2. HAZARDOUS IDENTIFICATION

Potential Health Effects:

Primary Routes of Entry

- Inhalation
- Ingestion
- Skin Contact
- Eye Contact

Medical Conditions Aggravated by Exposure

- None.

Human Effects and Symptoms of Overexposure:

Skin

Solid may cause irritation due to mechanical action.

Ingestions

Solid may cause choking if swallowed. Oral toxicity is believed to be very low, consider physiologically inert.

Inhalation

Vapors are unlikely due to physical properties.

Eyes

Solid may cause irritation due to mechanical action.

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

	<u>CAS #</u>
Acetal (Polybutylene, Terephthalate, Thermoplastic, Polyester)	30965-26-5
Nuisance / inert dust	<u>OSHA PEL</u> - 15mg/cu m total 5mg/cu m respirable
Nuisance particulate	<u>ACGIH</u> – 10 mg/cu m total 3mg/cu m respirable

SECTION 4. FIRST AID MEASURES

Eye Contact

In case of contact, flush eyes with plenty of lukewarm water.

Skin Contact

Cool melted product on skin with plenty of water. Do not remove solidified product. Get medical attention if thermal burn occurs.

Inhalation

Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.

Ingestion

Get medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Water spray, Dry chemical, Carbon Dioxide (CO₂)

Special Fire Fighting Procedures

Wear positive-pressure, self-contained breathing apparatus and protective fire-fighting clothing.

Unusual Fire / Explosion Hazards

None.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedures

Sweep up and discard.

SECTION 7. HANDLING & STORAGE

Handling / Storage Precautions

None.

Further Info on Storage Conditions

The glass particles in this product are wetted by the polymer system. Residual glass (<1%) may be present and cause mechanical eye, skin, and respiratory irritation. Operations involving grinding, or machining, should be reviewed to assure that particulate levels are kept below recommended standards.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation Measures

Good general ventilation should be sufficient.

Respiratory Protection

None required.

Eye Protection

Safety glasses.

Additional Protective Measures

None.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

- **Odor** – Odorless
- **Flash Point** - > 93 °C (> 200 °F) Tag closed cup.
- **Vapor Pressure** – < 0.001 mm/Hg
- **Solubility in Water** – < 0.001 GPL
- **Specific Gravity (H₂O – 1)** – 1.3 to 1.65

Not applicable – Boiling Point, Melting Point, Vapor Density, Evaporation Rate.

SECTION 10. STABILITY & REACTIVITY

Hazardous Reactions – Hazardous polymerization does not occur.

Stability – Stable

Materials to Avoid – Strong bases.

Conditions to Avoid – Temperatures over 550° F or 288 °C and prolonged exposure above 520 °F and 271 °C.

Hazardous Decomposition Products – Aldehydes, Ketones, Esters, Acids, Alcohol's, Butadiene, Tetrahydrofuran, Toluene, Benzoic Acid, Terephthalic Acid.

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

Bury in landfill or burn in adequate incinerator in accordance with applicable federal, state, and local regulations.

SECTION 14. TRANSPORT INFORMATION (non-mandatory)

Not applicable

SECTION 15. REGULATORY INFORMATION (non-mandatory)

Not applicable

SECTION 16. OTHER INFORMATION (non-mandatory)

Not applicable