

# 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:** Pink Base Plate, Proform Base Plate and Custom Tray  
**Product Number:** 021-048, 021-050  
025-033, 025-035

Effective Date: 11/26/12

## SECTION 2. HAZARDOUS IDENTIFICATION

### Potential Health Effects:

#### **Primary Routes of Entry**

- Inhalation
- Skin Contact
- Eye Contact

### Human Effects and Symptoms of Overexposure:

#### **Skin**

Prolong contact is essentially non-irritating to skin. There can be mechanical injury, if impacted with skin. Under normal processing conditions, material is heated to elevated temperatures; contact with the material can cause thermal burns. No adverse effects anticipated by skin absorption.

#### **Ingestions**

If un-formed material becomes lodged in subject's mouth, do not swallow, spit it out.

#### **Inhalation**

Inhalation of dust may cause respiratory irritation. Fumes produced during thermal process may cause irritation.

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Hazardous Components</u>	<u>CAS#</u>	<u>EINECS#</u>	<u>INCI Name</u>	<u>OSHA</u>	<u>ACGIH</u>	<u>%</u>
Styrene Butadiene Copolymer	9003-55-8	N/E	Styrene / Butadiene Copolymer	N/E	N/E	>95
Mineral Oil	8042-47-5	232-455-8	Paraffinum Liquidum	N/E	N/E	<5

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

## **SECTION 4. FIRST AID MEASURES**

Solid product is neither an irritant nor gives off hazardous vapors at ambient temperatures.

- Molten Resin can cause severe thermal burns.
- Improper use can lead to mechanical cuts.

### **Eye Contact**

This material is non-irritating upon contact, except upon impact as any foreign particle in the eye.

### **Skin Contact**

Not a hazard at ambient conditions. Washing hands is preferable after use. Contact with heated material may cause thermal burns. Do not attempt to remove material from skin. Cool rapidly with cold water. Obtain medical treatment. Treatment as any normal thermal burn.

### **Inhalation**

Not Applicable

### **Ingestion**

Do not swallow. Material is not expected to cause an ingestion problem.

## **SECTION 5. FIRE FIGHTING MEASURES**

### **Suitable Extinguishing Media**

Suitable extinguishing media for the surrounding fire should be used.

### **Special Fire Fighting Procedures**

Dense black smoke is emitted when burned without sufficient oxygen. Positive pressure, wear self-contained breathing apparatus in any closed space.

### **Unusual Fire / Explosion Hazards**

Use self-contained breathing apparatus when fighting fires.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Spill and Leak Procedures**

Minor spills clean up immediately – slipping hazard. Major spills – clear area of personnel, restrict access to area, and clean up immediately – slipping hazard. See section 8 and 12.

## **SECTION 7. HANDLING & STORAGE**

### **Handling**

No special handling requirements.

### **Storage Precautions**

Store in a cool, dry location away from sparks.

### **Explosion Hazard**

None.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Respiratory Protection**

None under ordinary operating use.

### **Eye Protection**

Wear safety glasses with side shields. Wear face shield during thermal process.

### **Skin Protection**

Thermal insulating glove when handling molten product.

### **Additional Protective Measures**

To identify additional personal protective equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132) or European Standard EN166 can be conducted before using this product.

## SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

- **Appearance** – Thermoplastic Sheet
- **Color** – Pink or Blue
- **Odor** – Odorless
- **PH** – Not Applicable
- **Flash Point** – Not applicable
- **Boiling Point** – Not applicable
- **Specific Gravity (H<sub>2</sub>O = 1)** – Not applicable
- **Vapor Pressure** – Not Applicable
- **Solubility in Water (20 °C )** – Not applicable
- **Auto-ignition Temperature** – Not applicable
- **Decomposition Temperature** – No data available

## SECTION 10. STABILITY & REACTIVITY

**Hazardous Reactions** – Hazardous polymerization will not occur.

**Stability** – Stable solid

**Materials to Avoid** – None

**Conditions to Avoid** – Heat

**Hazardous Decomposition Products** – CO or CO<sub>2</sub>, smoke, and hydrocarbons.

## SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity Data: No data available

- **Acute oral toxicity**
- **Acute dermal toxicity**
- **Acute inhalation toxicity**
- **Skin Irritation**
- **Eye Irritation**
- **Sensitization**
- **Mutagenicity**
- **Sub-chronic toxicity**

## **SECTION 12. ECOLOGICAL INFORMATION (non-mandatory)**

Ecological Data: No data available

- **Acute toxicity to fish**
- **Acute toxicity to invertebrates**
- **Acute toxicity to algae**
- **Bio-concentration**
- **Toxicity to sewage bacteria**

Chemical Fate Information

- **Biodegradability** – Not available. This material is not expected to bio-accumulate.
- **Chemical Oxygen Demand** – No data available

## **SECTION 13. DISPOSAL CONSIDERATIONS (non-mandatory)**

### **Waste Disposal Method**

Dispose of in compliance with governmental regulation (state and federal). Dispose of container and any unused contents in accordance with federal, state, and local requirements. For EU Member States, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.

## **SECTION 14. TRANSPORT INFORMATION (non-mandatory)**

- **Land Transport (DOT):** Non-regulated Non-hazardous
- **Sea Transport (IMDG):** Non-regulated, Non-hazardous
- **Air Transport (ICAO/IATA):** Non-regulated, Non-hazardous

<b>SECTION 15. REGULATORY INFORMATION (non-mandatory)</b>
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United States Federal Regulations

**Clean Air Act: HAP / ODS**

This product contains no HAP's or ODS.

**Clean Water Act: Priority Pollutant**

This product contains no chemicals listed under the US Clean Water Act Priority Pollutant and Hazardous Substance List.

**FDA: Food Packaging Status**

This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food-packaging additive.

**Occupational Safety and Health Act:**

This product is considered to be hazardous under the OSHA Hazard Communication Standard but has no hazards.

**RCRA:**

This product contains no chemicals considered to be hazardous waste under RCRA (40CRF261).

**SARA Title III: Section 302 (RQ)**

This product contains no chemicals regulated under Section 302 as extremely hazardous substances.

**SARA Title III: Section 302 (TPQ)**

This product does not contain chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List).

**SARA Title III: Section 311 - 312**

This product is not considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311 – 312 (40CFR370).

**SARA Title III: Section 313**

This product contains no chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**TSCA Section 8(b): Inventory**

This product complies with US TSCA requirements.

**TSCA Significant New Use Rule**

None of the chemicals in this material have a SNUR under TSCA.

**State Regulations**

The components to this product are listed on the appropriate state regulations.

**Internal Regulations**

CDSL: Canadian Inventory (on Canadian Transitional List) –

- Styrene butadiene – CAS# 9003-55-8, not controlled under WHMIS.
- Mineral Oil – CAS # 8042-47-5, not controlled under WHMIS.

<b>SECTION 16. OTHER INFORMATION (non-mandatory)</b>
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HMIS Rating:

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

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

\* = Chronic Health Hazard