

# 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:** Patterned Biocryl (Rigid Polyvinyl Chloride)  
**Product Number:** 021-069, 021-071, 021-072, 021-073, 021-074

Date Prepared: 10/23/12

## SECTION 2. HAZARDOUS IDENTIFICATION

None

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Titanium Dioxide	13463-67-7	10mg/m <sup>3</sup>	10mg/m <sup>3</sup>
Silica, Amorphous	112926-00-8	6mg/m <sup>3</sup>	10mg/m <sup>3</sup>
Pigments; Mixture		15mg/m <sup>3</sup>	10mg/m <sup>3</sup>
Carbon Black	1333-86-4	3.5mg/m <sup>3</sup>	3.5mg/m <sup>3</sup>

## SECTION 4. FIRST AID MEASURES

None

## SECTION 5. FIRE FIGHTING MEASURES

### **Suitable Extinguishing Media**

Water, Carbon Dioxide, Dry Chemical

### **Special Fire Fighting Procedures**

Rigid PVC sheet is self-extinguishing. If rigid PVC in a fire (fueled by another source) and breathing is difficult, use a self-contained breathing apparatus and full protective equipment.

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

Rigid PVC is self-extinguishing, but can be burned if fueled by another source. When forced to burn, PVC gives off trace amounts of hydrogen chloride and other irritating fumes. Protective equipment is needed.

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

Not applicable

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

Not applicable

## **SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **Hygiene / Ventilation Measures**

Not applicable.

### **Respiratory Protection**

None.

### **Hand Protection**

Not applicable.

### **Eye Protection**

Not applicable

### **Additional Protective Measures**

None.

## **SECTION 9. PHYSICAL & CHEMICAL PROPERTIES**

- **Form** – Solid
- **Appearance** – Sheets
- **Color** – Clear & Color
- **Odor** – Odorless
- **Flash Point** – Not applicable
- **Boiling Point** – 760mm HG
- **Melting Point** – Not applicable
- **Vapor Density (AIR = 1)** – Not applicable
- **Vapor Pressure** – Not Applicable
- **Solubility in Water** – Insoluble
- **Specific Gravity (H<sub>2</sub>O +1(H<sub>2</sub>O=1)** – 1.3 ~ 1.5
- **Flammable Limits** – Not applicable
- **Evaporation Rate (Butyl Acetate – 1)** – Not applicable

## **SECTION 10. STABILITY & REACTIVITY**

**Conditions to Avoid** – Heat

**Material to Avoid** – Not applicable

**Hazardous Decomposition Products** – HCL, CO, CO<sub>2</sub>, (above 570 degrees Fahrenheit).

**Hazardous Polymerization** – Will not occur.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Not applicable**

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

**Not applicable**

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

**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**