

# 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:** Biocryl (Rigid Polyvinyl Chloride)  
**Product Number:** 020-001, 020-002, 020-003, 020-004, 020-005, 020-006, 020-007, 020-008, 020-009, 020-013, 020-014, 020-016, 020-017, 020-019, 020-020, 020-022  
021-001, 021-003, 021-004, 021-005, 021-006, 021-007, 021-008, 021-009, 021-010, 021-011, 021-012, 021-013, 021-014, 021-015, 021-016, 021-017, 021-018, 021-019, 021-022  
025-001, 025-002, 025-003, 025-004, 025-005

Date Prepared: Revised 11/18/11

## SECTION 2. HAZARDOUS IDENTIFICATION

### Potential Health Effects:

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

- Inhalation - None
- Skin - None
- Eye - None

#### **Medical Conditions Aggravated by Exposure**

- Not applicable.

### Human Effects and Symptoms of Overexposure:

#### **Health Hazards (Acute & Chronic)**

None.

#### **Signs & Symptoms of Exposure**

Not applicable.

#### **Carcinogenicity**

Not applicable.

## 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**

Not applicable.

**Skin Contact**

None.

**Inhalation**

Not applicable.

**Ingestion**

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