

# 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 Form X  
**Product Number:** 021-095

Effective Date: 4/19/13

## SECTION 2. HAZARDOUS IDENTIFICATION

### Potential Health Effects:

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

- Inhalation
- Skin Contact

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

- Preexisting eye, skin, and respiratory tract sensitivities.

### Human Effects and Symptoms of Overexposure:

#### **Inhalation**

Inhalation of pellets and fumes may cause throat irritation.

#### **Ingestions**

Avoid breathing fumes.

#### **Eyes**

Pellets may cause mechanical irritation of eyes.

#### **General Effects of Exposure**

None.

#### **Chronic Effects or Exposure**

None.

#### **Carcinogenicity**

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

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

### Hazardous Components

Titanium Dioxide

### CAS #

13463-67-7

### OSHA PEL

15 mg/m<sup>3</sup>

### ACGIH TLV

10 mg/m<sup>3</sup>

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

### **Eye Contact**

Flush with water. See physician if irritation persists.

### **Skin Contact**

Wash with soap and water. See physician in case of burns.

### **Inhalation**

Remove to fresh air, seek medical attention.

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

### **Suitable Extinguishing Media**

Water fog, Foam, Dry chemical, Carbon Dioxide (CO<sub>2</sub>)

### **Special Fire Fighting Procedures**

Firefighters should use self-contained breathing apparatus.

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

Explosivity of dusts increases with decreasing particle size.

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

### **Spill and Leak Procedures**

Sweep or vacuum spilled pellets.

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

### **Handling / Storage Precautions**

Avoid accumulation of dusts. Store in clean, dry area.

### **Further Info on Storage Conditions**

None.

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

### **Industrial Hygiene**

Not applicable.

### **Ventilation Measures**

Local exhaust in vicinity of molding machinery.

### **Respiratory Protection**

Approved dust respirators if near nuisance dust level.

### **Hand Protection**

As required for hot materials.

### **Additional Protective Measures**

None.

## SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

- **Appearance** – Pellets
- **Odor** – Slight or no odor
- **Melting Point** - > 85 °C
- **Flash Point** - > 300 °C (ASTM D-1929)
- **Solubility in Water** – NIL

**Not applicable** – Boiling Point, Vapor Pressure, Vapor Density, Specific Gravity, Evaporation Rate

## SECTION 10. STABILITY & REACTIVITY

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

**Stability** – Stable

**Materials to Avoid** – Strong Oxidizers

**Conditions to Avoid** – Strong oxidation

**Hazardous Decomposition Products** – Polymer fragments, irritating fumes, aldehydes, alcohols, organic acids, trace amounts of Hydrocarbons.

## SECTION 11. TOXICOLOGICAL INFORMATION

Not applicable

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

Not applicable

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

**Waste Disposal Method**

In accordance with local, state, and federal 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.