

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 ³	10mg/m ³
Silica, Amorphous	112926-00-8	6mg/m ³	10mg/m ³
Pigments; Mixture		15mg/m ³	10mg/m ³
Carbon Black	1333-86-4	3.5mg/m ³	3.5mg/m ³

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 (H₂O +1(H₂O=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, CO₂, (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