

# SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION



Great Lakes Orthodontics  
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Tonawanda, NY 14150

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800-828-7626  
CHEMTREC: 800-424-9300

**Product Name:** Invisacryl Ultra  
**Product Number:** 021-096, 021-097

Effective Date: 10/10/17

## SECTION 2. HAZARDOUS IDENTIFICATION

### CAUTION!

Powdered material may form explosive dust-air mixtures molten material will produce thermal burns. This product has not been classified as hazardous.

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS #</u>	<u>Weight %</u>
Polymer	Proprietary	94 – 100
Proprietary	N/A	0 – 6.0

## SECTION 4. FIRST AID MEASURES

- Burns should be treated as thermal burns. The material will come off as healing occurs; therefore, immediate removal from the skin is not necessary. Treat symptomatically.

### **Eye Contact**

Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist. If molten material contacts the eye, immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately.

### **Skin Contact**

Wash with soap and water. Get medical attention if symptoms occur. If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water, and see a physician for removal of adhering material and treatment of burn. Get medical attention.

### **Inhalation**

Move to fresh air. Treat symptomatically. Get medical attention if symptoms persist.

### **Ingestion**

Seek medical advice. Material is not expected to be absorbed from the gastrointestinal tract so that induction of vomiting should not be necessary.

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

### **Suitable Extinguishing Media**

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

### **Special Fire Fighting Procedures**

Fight fire from a protected location. Minimize dust generation and accumulation. Fire-fighters should wear a self-contained breathing apparatus and full protective clothing must be worn in case of fire.

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

Material may accumulate a static charge which could act as an ignition source. Powdered material may form explosive dust-air mixtures.

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

### **Spill and Leak Procedures**

Not regarded as dangerous for the environment. Sweep up and place in a clearly labeled container for chemical waste. In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

### **Personal Precautions**

Wear appropriate personal protective equipment.

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

### **Personal Precautionary Measures**

Avoid contact with molten material.

### **Prevention of Fire and Explosion**

Keep from contact with oxidizing materials. Minimize dust generation and accumulation. Refer to NFPA Pamphlet No. 654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries."

### **Storage**

Keep material wrapped.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Hygiene Measures

Observe good industrial hygiene practices.

### Ventilation Measures

If exposure limits have not been established, maintain airborne levels to an acceptable level. Good general ventilation (typically 10 air changer per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

### Respiratory Protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.

### Hand Protection

It is a good industrial hygiene practice to minimize skin contact. When material is heated, wear gloves to protect against thermal burns.

### Eye Protection

It is good industrial hygiene practice to minimize eye contact. Wear a face shield when working with molten material.

### Additional Protective Measures

Eye bath. Washing facilities.

## SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

- **Form** – Solid
- **Color** – Colorless (varies per order)
- **Odor** – Slight
- **Relative Density** – > 1 (estimated)
- **Solubility (other than water)** - Negligible

**No data available** – PH, Odor Threshold, Boiling Point, Evaporation Rate, Flammability (solid, gas), Upper and Lower Limits, Vapor Pressure, Vapor Density, Solubility in Water, Partition Coefficient (n-octanol/water), Auto-ignition Temperature, Decomposition Temperature, Viscosity, Explosive properties, and Oxidizing properties.

## SECTION 10. STABILITY & REACTIVITY

**Hazardous Reactions** – Can decompose at elevated temperatures.

**Stability** – Stable

**Materials to Avoid** – Strong oxidizing agents.

**Conditions to Avoid** – Excessive heat.

**Hazardous Decomposition Products** – Carbon Dioxide and Carbon Monoxide.

**Reactivity** – See Section #10: first statement

**SECTION 11. TOXICOLOGICAL INFORMATION**

Acute:

- Oral toxicity**
- Dermal toxicity**
- Inhalation**
- Repeated dose toxicity**
- Skin corrosion / irritation**
- Serious eye damage / eye irritation**
- Respiratory or skin sensitization**

No data available

Germ Cell Mutagenicity

- In vitro**
- In Vivo**
- Carcinogenicity**
- Reproductive toxicity**
- Specific target organ toxicity (single exposure)**
- Specific target organ toxicity (repeated exposure)**
- Aspiration hazard**
- Other adverse effects**

No data available

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

Acute Toxicity:

- Fish**
- Aquatic invertebrates**

Chronic Toxicity

- Fish**
- Aquatic invertebrates**
- Toxicity to Aquatic Plants**

Persistence & Degradability

- Biodegradation**
- BOD/COD ration**

Bio-accumulative potential

Mobility in soil

Results of PBT and vPvB assessment

Other adverse effects

No data available

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

#### **Waste Disposal Method**

Dispose of waste and residues in accordance with local authority requirements. Incinerate.

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

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

### **SECTION 15. REGULATORY INFORMATION (non-mandatory)**

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

#### **TSCA (US Toxic Substances Control Act)**

All components of this product are listed on the TSCA Inventory. Any impurities present in this product are exempt from listing.

#### **Carcinogenicity Classification (components present at 0.1% or more)**

None.

#### **SARA 313**

None

### **SECTION 16. OTHER INFORMATION (non-mandatory)**

HMIS Rating:

- **Health** – 1
- **Flammability** – 1
- **Physical Hazard** – 0

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

\* = Chronic Health Hazard