



## SAFETY DATA SHEET

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** VISICLEAR™

**PRODUCT CATEGORY:** Thermoplastic Dental Resin

**MANUFACTURER** THE MYERSON COMPANY LIMITED

**ADDRESS:** 3 TRINITY AVENUE  
LAVENTILLE  
TRINIDAD AND TOBAGO

**CONTACT NAME AND** Cindy Buchoon-Legendre

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## SAFETY DATA SHEET

### SECTION 2: INFORMATION ON COMPOSITION AND SUBSTANCES

Ingredients	CAS#	Approx % weight
Ethylene Propylene	9010-79-1	100

**NOT A DANGEROUS SUBSTANCE ACCORDING GHS!**

### SECTION 3: HAZARD DATA

Hazard Ratings:

	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>
NFPA	1	1	0
HMIS	0	1	0

Permissible Exposure Level:

TLV (ACGIH) Ceiling : 10mg/m<sup>3</sup>

### SECTION 3: HAZARD DATA ( Continued )

#### EMERGENCY OVERVIEW

**CAUTION!!** Combustible particle solids (combustible dust) of sufficiently small particle size when suspended in the air in the presence of an ignition source can result in a fire or explosion. Adequate housekeeping and control of ignition source should be provided.



## SAFETY DATA SHEET

### EFFECTS OF OVEREXPOSURE

**Target Organs:** Lungs, skin

### ACUTE OR IMMEDIATE EFFECTS:

**INGESTION:** No effect expected if product is ingested

**LD50mg/kg:** No data

**SKIN:** Contact with heated product may cause thermal burns.

**Draize Skin Score:** No data out of 8.0

**LD50mg/kg:** No data

**EYES:** Contact with heat product may cause thermal burns. Slight irritation from with from contact with pellets. Possible irritation from fumes, vapors or smoke from thermal processing.

### **INHALATION:**

Inhalation of fumes, vapors and smoke from thermal processing may cause irritation from contact with pellets. Symptoms may include burning sensation, coughing and sore throat.

**LC50 (mg/l):** No data

**LC50 (mg/3):** No data

**LC50 (ppm):** No data



## SAFETY DATA SHEET

### SECTION 4: FIRST AID PROCEDURES

- Inhalation:** Remove to fresh. If not breathing, give artificial respiration. If breathing is difficult give oxygen and continue to monitor. Seek medical attention
- Skin Contact:** For hot product, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get medical attention. No attempt should be made remove material from skin or to remove contaminated clothing as the damaged flesh can be easily torn.
- Eye Contact:** For contact with molten product, flush immediately with plenty of Cool water at least 20minutes. Get medical attention.
- Ingestion:** First aid not normally required.

### SECTION 5: FIREFIGHTING MEASURES

- Flammability:** No Data
- Flash point:** No Data
- UEL:** No Data
- LEL:** No Data
- Extinguishing media:** Water spray, Carbon Dioxide, Dry Chemical
- Fire fighting procedure:** Use of fresh air equipment such as Self Contained Breathing Apparatus (SCBA) Supplied Air Respirators should be worn for fire fighting if exposure or potential exposure to products of combustion is expected. Wear structural fire fighting gear.



## SAFETY DATA SHEET

### SECTION 6 : ACCIDENTAL RELEASE MEASURES

**Spills:** Spilled pellets can pose slipping hazards. In case of spill sweep or vacuum immediately.

### SECTION 7 : HANDLING AND STORAGE

#### HANDLING

Avoid breathing vapors from heated material. Follow MSDS/label precautions even after container is emptied because it may retain product residue. Minimize generation of dust or fine particulates.

#### STORAGE

Store in a cool dry place.

### SECTION 8: CONTROL AND PROTECTIVE MEASURES

**Respiratory Protection:** A NOISH approved respirator is recommended for protection against processing fumes, or from dust generated from grinding, sanding, or sawing operations.

**Ventilation:** Local exhaust is preferred

**Protective Gloves:** Canvas or cotton gloves are recommended.

**Eye Protection:** Safety glasses with side shields are recommended.

**Other Protective Equipment:** Lab Coat / Coveralls



## SAFETY DATA SHEET

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### SECTION 9: PHYSICAL / CHEMICAL CHARACTERISTICS

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Melting Point: 140-150 °C  
Vapor Density: No data  
Evap. Rate: No data  
Specific Gravity: 0.89-0.91  
Volatiles: No data  
Volume %: No data  
Weight %: No data

Appearance: Clear/white pellets

Odor: Odorless

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### SECTION 10: STABILITY AND REACTIVITY

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Stability: Stable

Hazardous  
Decomposition: Combustion may produce carbon monoxide, carbon dioxide  
and other asphyxiants.

Polymerization: Will not occur

Incompatibility: Strong Oxidizers

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### SECTION 11: TOXICOLOGICAL INFORMATION

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Toxicity Data: No specific toxicological information is available



## SAFETY DATA SHEET

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### SECTION 12: ECOLOGICAL INFORMATION

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Ecotoxicity: No specific ecological information is available

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### SECTION 13: DISPOSAL CONSIDERATIONS

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Waste Disposal Method: The pellets regrind, and purge of this material are non-hazardous and may be discarded in accordance with state, federal, and local regulations.

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### SECTION 14: TRANSPORT INFORMATION

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D. O. T. Shipping Information: Not regulated under US Department of Transportation.

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### SECTION 15: REGULATORY INFORMATION

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#### SARA title III Section 313:

This product does not contain any known toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right To Know Act of 1986 and of 40 CFR 372



## SAFETY DATA SHEET

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### SECTION 16: OTHER INFORMATION

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#### SDS Disclaimer

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