

## MATERIAL SAFETY DATA SHEET

### Section 1: Names of Material and Company

Product name: **WELDENZ Dental Resin**  
Product category: Dental Resin  
Manufacture/supplier: Weldenz Pte. Ltd.  
Address: 25 Playfair Road #03-01 Singapore 367990  
Information sector: -  
Phone number: 65-6542-4333  
Fax number: 65-6308-9675  
Preparation: 10 January 2015

### Section 2: Composition/Details on Components

Component:	Content:	CAS No:
Polypropylene	80-100%	9003-07-0
1-Propene, polymer with ethane	0-20%	9010-79-1
Pigment	slight quantity	-----
Synthetic Fiber	slight quantity	-----

### Section 3: Hazard Data

Thermal processing may create fumes and dust. Proper housekeeping, ventilation and control of ignition source should be provided.

#### Overexposure risks

Ingestion: None expected in normal use.  
Inhalation: Dust, fumes may cause irritation.  
Skin: Abnormal use could result in burns.  
Eyes: Fumes, smoke from thermal use may cause irritation.

### Section 4: First-Aid-Measures

After inhalation: Relocate to fresh air or give oxygen if necessary. Evaluate immediate need for artificial respiration and contact a doctor.

After eye contact: Rinse thoroughly with cool water and contact a doctor.

After skin contact: If contact with heated product, rinse skin immediately with cold water. Cover with clean gauze and contact a doctor promptly. Do not attempt to remove any material from skin as damaged skin can tear easily.

After ingestion: First aid not usually required.

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### Section 5: Fire fighting Measures

Fire fighting methods:	Full protective gear and self contained breathing apparatus recommended for exposure.
Extinguishing media:	Water, foam, carbon dioxide gas, dry chemical

### Section 6: Measures in Case of Unintended Release

Vacuum or sweep unused pellets from surface of floor promptly to eliminate slipping hazard.

### Section 7: Handling and Storage

7.1 Handling:	To be used only by qualified dental or laboratory staff. Ensure adequate ventilation and avoid breathing excessive fumes or dust associated with processing and preparation.
7.2 Storage:	Store in a cool, dry place out of direct sunlight.

### Section 8: Control and Personal Protective Equipment

Respiratory Protection:	Recommended use of a NOISH approved respirator.
Ventilation:	Recommended use of ventilation system to control dust and fumes.
Eye Protection:	Recommended use of protective eyewear with side shields.
Protective Gloves:	Recommended use of heat resistant gloves.
Other Protective Equipment:	Recommended use of lab coat or overalls.

### Section 9: Physical and Chemical Properties

Appearance:	Pellets
Color:	Pink / Ivory
Odor:	odorless
Melting point:	>125°C (257°F)
Boiling point:	no data
Vapour pressure:	no data
Volatility:	no data
Specific gravity:	0.88-0.92
Solubility in water:	not soluble

### Section 10: Stability and Reactivity

The flash point:	no data available
Explosion limits:	no data available

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Ignition point:	>440°C (824°F)
Decomposition temperature:	no data available
Combustibility:	yes
Ignitability:	none
Oxidization:	none
Explosiveness on hazard:	none
Stability:	stable

### Section 11: Toxicological Data

No data available.

### Section 12: Ecological Data

No data available.

### Section 13: Disposal Considerations

Waste disposal method: Disposable in accordance with local, state and federal government regulations.

### Section 14: Transport Information

D.O.T. Shipping Information: Not regulated.

### Section 15: Regulatory Information

This product does not contain hazardous materials subject to reporting under SARA title III Section 313.

### Section 16: Other Information

All above information has been given according to our present state of knowledge. It has been compiled based on data obtained from the manufacturer and/or recognized technical sources. The above-mentioned data do not represent a guarantee on characteristics. It only describes the safety requirements with regard to our products. It does not represent an assurance of product characteristics in the meaning of guarantees. It is the user's responsibility to determine the safety, toxicity and suitability of his/her own use, handling and disposal of the product.