

SECTION 1 IDENTIFICATION AND UNDERTAKING

PRODUCT NAME:	DURACETAL Thermoplastic Dental Resin (BEADS AND DISCS) A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D1, D2, D3, D4, G1, G2, G3, P1, P2, P3
SYNONYMS:	None
RECOMMENDED USE:	PROFESSIONAL USE ONLY
USES ADVISED AGAINST:	Do not use outside the manufacturer's instructions
MANUFACTURER NAME	The Myerson Company Limited 3 Trinity Avenue, Laventille, Trinidad and Tobago
SUPPLIER NAME AND ADDRESS	HENRY SCHEIN REGIONAL PTY LTD ATF HENRY SCHEIN REGIONAL TRUST Building 3, Level 6 189 O'Riordan St Mascot, NSW,2020 AUSTRALIA
TELEPHONE	1300 658 822
EMAIL	customer.care@henryschein.com.au
EMERGENCY TELEPHONE NUMBER:	13 11 26 (Poisons Information Centre)

SECTION 2 HAZARD IDENTIFICATION

Pictogram

Signal word:

WARNING Molten material may cause burns

GHS07

**Hazards not otherwise classified:**

None Identified

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

MATERIAL NAME	CAS#	APPROX WEIGHT %
Polyoxymethylene Copolymer (Acetal copolymer)	24969-26-4	99 - 100
Pigments	****	<1.0

**** Mixture of Pigments

SECTION 4 FIRST AID MEASURES

- 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 products, 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 to remove material from the skin or to remove contaminated clothing
- Eye Contact:** For contact with the molten product, flush immediately with plenty of Cool water for at least 20 minutes. Get medical attention.
- Ingestion:** First aid is not normally required.

SECTION 5 FIRE FIGHTING MEASURES

Flammability:	Class 1
Flashpoint:	Not Applicable
UEL:	No Data
LEL:	No Data
Extinguishing media:	Water spray, Carbon Dioxide, Dry Chemical
Hazardous combustion products	Formaldehyde, Carbon Monoxide, Carbon dioxide, trioxane, paraformaldehyde, and formic acid
Firefighting procedure:	Use of fresh air equipment such as Self-Contained Breathing Apparatus (SCBA) Supplied Air. Respirators should be worn for firefighting if exposure or potential exposure to products of combustion is expected. Wear structural firefighting gear.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Spills Spilt pellets can pose slipping hazards. In case of spill sweep or vacuum immediately.

SECTION 7 HANDLING AND STORAGE

Handling	Avoid breathing vapours from heated material. Follow MSDS/label precautions even after the container is emptied because it may retain product residue. Minimize the generation of dust or fine particulates.
Storage	Store this material in a cool dry place.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection:	A NIOSH-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

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	168°C/334.4°F
Vapour Density:	Not applicable
Evap. Rate:	Not applicable
Density g/cm³	1.4
Volatiles:	Not volatile
Volume %:	Not applicable
Weight %:	Not applicable
Appearance:	Opaque cylindrical beads or discs
Odor:	odourless

SECTION 10 STABILITY AND REACTIVITY

Stability	Stable
Hazardous Decomposition	Combustion may produce carbon monoxide, carbon dioxide and other asphyxiants.
Polymerisation	Will not occur
Incompatibility	Strong Oxidizers

SECTION 11 TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS CARCINOGENICITY	None of the ingredients of this product are listed as a carcinogen by IARC, NTP, OSHA, MAK, or GHS.
SKIN CORROSION / IRRITATION	No Information
SERIOUS EYE DAMAGE / IRRITATION	Direct eye contact may irritate.
RESPIRATORY OR SKIN SENSITIZATION	No Information
GERM CELL MUTAGENICITY:	No Information
REPRODUCTIVE TOXICITY:	No Information
SPECIFIC TARGET ORGAN TOXICITY - SINGLE	No Information
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE:	No Information
ASPIRATION HAZARD	No Information
EFFECT OF OVEREXPOSURE - INHALATION	Processing fumes may irritate the respiratory tract. Formaldehyde, which may be released if overheated, may irritate the respiratory tract. An irritating odour may be noted.
EFFECT OF OVEREXPOSURE - SKIN CONTACT	Pellets are not likely to irritate. Contact with molten material may cause thermal burns. Processing fumes may irritate.
EFFECT OF OVEREXPOSURE - EYE CONTACT:	Processing fumes may cause a burning sensation and tearing of the eyes.
EFFECT OF OVEREXPOSURE - INGESTION:	This is not a probable route of exposure. Ingestion may cause gastric disturbances.

Note: the following have been confirmed from biocompatibility testing:

This product does not cause cytotoxicity.

This product is not an irritant.

This product is not a sensitiser.

This product does not cause subchronic toxicity.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: No specific ecological information is available

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal Method: The regrind, milling chips from the discs and purge of this material are non-hazardous and may be discarded by state, federal, and local regulations.

SECTION 14 TRANSPORTATION INFORMATION



DOT classification:

Not regulated



International Air Transportation Association (IATA)

Not regulated



International Maritime Organization

Not regulated

SECTION 15 REGULATORY INFORMATION

SARA 313	Not applicable
SARA 311/312	Hazard Categories See section 2 for more information
CWA (Clean Water Act)	Not applicable
Clean Air Act	Not applicable
OSHA - Occupational Safety and Health Administration	Not applicable
CERCLA California Proposition 65	This product does not contain any Proposition 65 chemicals. U.S. State Right-to-Know Regulations U.S. Department of Transportation
Reportable Quantity (RQ):	N
UDOT Marine Pollutant	N

SECTION 16 OTHER INFORMATION

SDS Disclaimer

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