



SAFETY DATA SHEET

PRODUCT NAME: DURACETAL™

PRODUCT CATEGORY: Thermoplastic Dental Resin (beads and discs)

MANUFACTURER THE MYERSON COMPANY LIMITED

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SAFETY DATA SHEET

HAZARD STATEMENT: none associated

PRECAUTIONARY STATEMENT: none associated

Ingredients	CAS#	Approx % weight
Polyoxymethylene Copolymer (Acetal Copolymer)	24969-26-4	> 99.9
Pigments	Mixture	< 0.1

Inhalation: Leave exposed area and seek fresh air. If irritation persists seek medical attention.

Skin Contact: Wash with soap and water. For thermal burns, immediately flush with cold water. Do not attempt to remove polymer from skin. Obtain medical Attention.

Eye Contact: Flush with cool running water. Contact Physician if symptoms persist

Ingestion: Not a likely route of exposure



SAFETY DATA SHEET

Flammability:	Class 1
Flash point:	Not Applicable
UEL:	None
LEL:	None
Extinguishing media:	Water Spray or Foam recommended.
Hazardous combustion products:	Formaldehyde, Carbon Monoxide, Carbon dioxide, trioxane, paraformaldehyde, and formic acid.
Fire fighting procedure:	NIOSH approved self contained breathing apparatus and full body protection.

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

Store in a dry sprinkler equipped warehouse.



SAFETY DATA SHEET

Proper purging and shut down procedures should be followed to avoid overheating of this compound.

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

Boiling Range: None
Vapor Density: Non Volatile
Evap. Rate: Unavailable
Specific Gravity: 1.41
Volatiles: Not volatile
Volume %: Not applicable



SAFETY DATA SHEET

Weight %: Not applicable
Appearance: Opaque Cylindrical beads or discs
Odor: None

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatibility: Incompatible with; strong oxidizing agents, acid bases, halogenated polymers such as PVC and PVDC at processing temperatures.

Decomposition: Formaldehyde, Carbon Monoxide, Carbon dioxide, trioxane, paraformaldehyde, Formic acid.

Toxicity Data: The following biocompatibility test were completed and showed that the product is safe for use: intracutaneous irritability, sensitization, cytotoxicity, and subchronic toxicity.

Ecotoxicity: No specific ecological information is available. This material is considered to be non-biodegradable.



SAFETY DATA SHEET

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

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

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

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SAFETY DATA SHEET

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