

SECTION 1 IDENTIFICATION AND UNDERTAKING

PRODUCT NAME: DURAFLEX™

PRODUCT CATEGORY: Thermoplastic Dental Resin (BEADS AND DISCS)

FOR PROFESSIONAL USE ONLY

MANUFACTURER: THE MYERSON COMPANY LIMITED
#3 TRINITY AVE LAVENTILLE
TRINIDAD AND TOBAGO

CONTACT NAME MYERSON LLC

TEL: 800-423 2683
WEBSITE:www.myersontooth.com

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 %
Ethylene Propylene Copolymer	9010-79-1	99.9750%
Iron Oxide pigment	1309-37-1	0.0044%
Bamboo Black pigment	7440-44-0	0.0013%
Organic red 202	5281-04-9	0.00144%

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:	140-150°C
Vapor Density:	Not applicable
Evap. Rate:	Not applicable
Specific Gravity	0.89-0.91
Volatiles:	Not volatile
Volume %:	Not applicable
Weight %:	Not applicable
Appearance:	Shaded beads or discs
Odor:	odourless

SECTION 10 STABILITY AND REACTIVITY

Stability	Stable
Hazardous Decomposition	Combustion may produce carbon monoxide, carbon dioxide and other asphyxiants.
Polymerization	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 cause irritation.
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 cause irritation to the respiratory tract. Formaldehyde, which may be released if overheated, may cause irritation to the respiratory tract. An irritating odour may be noted.
EFFECT OF OVEREXPOSURE - SKIN CONTACT	Pellets are not likely to cause irritation. Contact with molten material may cause thermal burns. Processing fumes may cause irritation.

EFFECT OF OVEREXPOSURE - EYE CONTACT: Processing fumes may cause a burning sensation and tearing of the eyes.

EFFECT OF OVEREXPOSURE - INGESTION: 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 sensitizer.

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 in accordance with state, federal, and local regulations.

SECTION 14 TRANSPORTATION INFORMATION



Not regulated

DOT classification:



Not regulated

:



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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