

**1. Identification of the substance / preparation and of the company / undertakings****Product Details:**

Trade Name: Hygon® Tray Material (Compounded Polymethyl Methacrylate)

**Manufacturer:****Coltène/Whaledent Inc.**235 Ascot Parkway  
Cuyahoga Falls, OH 44223 / USA  
Fax +1 330 916 7077

Authorized EU Representative

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Main Phone Number: +1 330 916 8800

**2. Composition / Information on Ingredients****Chemical Characterization:** Acrylic Powder Resin**Hazardous Components**

Particulates, NoC

Benzoyl Peroxide

Dibutyl Phthalate

Wt %

&gt; 90%

&lt; 2%

&lt; 15%

Index, R/S Phrases

None

E, Xi, R-3,36,37,38

T, N; R - 50,61,62; S-45,53,61

**3. Hazard Identification**

Hazard Designation: Contains Dibutyl Phthalate. Possible risk of impaired fertility. May cause harm to the unborn child.

Information pertaining to particular dangers for man and environment: Nuisance dust. Polymer dust is combustible.

Classification is in line with BC directive 1999/45/EC: Yes

**4. First-Aid Measures**

After Inhalation: Get to fresh air, if irritation persists, consult a physician.

After Skin Contact: Wash thoroughly with water for 15 minutes. If irritation persists, consult a physician.

After Eye Contact: Flush with water for 15 minutes. If irritation persists, consult a physician.

After Swallowing: Rinse mouth out with water. Contact a physician if large quantities were consumed.

**5. Fire-Fighting Measures****Flammability: Combustible Dust Flash Point: 304°C (> 212 °F) LEL: Not Established UEL: Not Established**Extinguishing Media: Water, CO<sub>2</sub>, dry chemical or foam.

Unsuitable Extinguishing Media: Avoid extinguishing methods that generate a dust cloud.

Protective Equipment: Wear NIOSH approved self-contained breathing respirator in positive pressure mode.

Special Hazards: Polymer dust is combustible (at limits similar to coal dust).

**6. Accidental Release Measures**

Personal Precautions: Avoid eye contact by wearing safety goggles; avoid skin contact by wearing rubber gloves.

Environmental Precautions: Do not contaminate food or feed with this product. Keep container closed and upright when not in use.

Methods of Cleaning Up: Sweep up dust to avoid slipping hazard.

**7. Handling and Storage**

Precautions for Safe Handling: Always wear gloves and eye protection. Keep container closed when not in use.

Storage: Keep out of reach of children. Keep container closed. Store in a cool dry environment.

**8. Exposure Controls/Personal Protection**

Components with recommended limits for the work place

CAS No.	Description	Wt%	Type / Value
n.a.	Particulates NOC	> 90 %	OSHA PEL 15 mg/m <sup>3</sup>
94-36-0	Benzoyl Peroxide	< 2 %	OSHA PEL 5 mg/ m <sup>3</sup>
84-74-2	Dibutyl Phthalate	<15 %	OSHA PEL 5 mg/ m <sup>3</sup>

Engineering Controls: Local Exhaust Adequate; mechanical ventilation helpful.

Work/Hygienic Protection: Wash hands and equipment after use.

Hand/Skin Protection: Wear Protective Gloves.

Respiratory Protection: None Needed.

Eye Protection: Wear Safety Goggles.

**9. Physical And Chemical Properties**

Appearance: Free Flowing Powder	Odor: Faint Acrylic	Solubility: Insoluble in water
Boiling Point: n.a.	Flash Point: 304 °C (> 212 °F)	Method: Tag Closed Cup
Flammability: No	Auto flammability: No	Density: n.k.
Vapor Pressure: n.a.	Explosive Properties: n.k.	Explosive Limits in Air: N.K.
pH: n.a.	Viscosity: n.a.	Method: n.a.

**10. Stability and Reactivity**

Chemical Stability: Stable	Conditions to avoid: Heating above 240 °C
Materials to avoid: Strong Oxidizers	Hazardous Decomposition Products: Oxides of Carbon

**11. Toxicological Information**

Acute Toxicity: N.A.  
 Primary Effects to Skin: Irritation can occur by repeated direct contact.  
 Primary Effects to Eyes: Irritation can occur by repeated direct contact.  
 Primary Effects to Respiratory System: Overexposure to dust may cause respiratory tract irritation  
 Sensitization: N.A.  
 Additional Toxicological Info: Possible risk of impaired fertility. May cause harm to the unborn child

**12. Ecological Information**

General Information: N.A.  
 Classification of Water endangerment: N.A.

**13. Disposal Considerations**

Product: This material contains Dibutyl phthalate. Contaminated product may be a RCRA/OSHA hazardous waste. Consult local regulatory laws for proper disposal. Completely polymerized materials can be disposed of together with household refuse in accordance with local regulatory law.

**14. Transportation Information**

DOT Shipping Name: Compounded Polymethyl Methacrylate Sea Transport IMDG/GGV Sea Class: Not Regulated	DOT Hazard Class: Non-Regulated  UN. No.: N.A.  UN. No.: N.A.	UN-No. N.A.  EmS-No: N.A.    MFGA-No: N.A.
Air Transport ICAO-Ti and IATA-DGR Class: Not Regulated		

**15. Regulatory Information**

TSCA Inventory Status: This product and/or all of its components are included on the TSCA Inventory of Chemical Substances.  
 SARA 311/312 Hazard Categories: None  
 SARA 302 Extremely Hazardous Substances: None  
 SARA 313 Toxic Chemicals

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Weight %</u>
Particulates, NOC	N/A	> 90 %
Benzoyl Peroxide	94-36-0	< 2 %
Dibutyl Phthalate	84-74-2	< 15%

Classification According to EEC Guidelines: Contain Dibutyl Phthalate  
 Index: T                    R-Phrases: 50,61,62                    S-Phrases: S-45,53,61

Classification According to VBF: n.a.

Canadian Regulations require the inclusion of the following statements under "Regulatory Information";  
 "This product has been classified in accordance with the hazard criteria of the controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations."

**16. Other Information**

Revision Summary: Changed to Company Format and Updated Address 12/19/03. Added Authorized EU Rep on 5/5/04. 10/01/09 Review

The information and recommendations set forth herein are presented in good faith and are believed to be correct as of the date hereof. Coltène/Whaledent Inc., however, makes no representations as to the completeness of security of this information and supplies it on the condition that the persons receiving same will make their own determination as to its suitability of their purposes prior to use. In no event will Coltène/Whaledent Inc. be responsible for damages of any nature whatsoever resulting from use of or reliance upon information.