

Product Identity:
RESIN PLUS OPAQUE POWDER



SECTION I. Identification

REVISION: MAY 2006

Manufacturer
 Dental Ventures of America Inc.
 217 Lewis Court
 Corona, CA. 92882

Emergency Telephone Number:
 Infotrack (800) 535 - 5053
 Product Information Number:
 (951) 270 - 0606

SECTION II. Composition/Information on Ingredients

Description: Preparation of a surface-treated cristobalite powder and dibenzoyl peroxide.
 Dangerous Components:
 CAS: 13463-67-7 Titanium Dioxide 2.5-10%
 EINECS: 236-675-5 Dibenzoyl Peroxide  Xi,  E; R 2-36-43 <2.5%

SECTION III. Hazardous Ingredients/Identity Information

Hazard Description:
 Irritant

Information concerning particular hazards to man and environment:

The product has to be labelled due to the calculation procedure of the "General Classification Guideline for Preparation of the EU" in the latest valid version.

R43 May cause sensitivity by skin contact.

Classification System:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

SECTION IV. First Aid Measures

Inhalation: Supply fresh air; consult doctor in case of complaints.
 Skin: Generally the product does not irritate the skin.
 Eye: Rinse opened eye for several minutes under running water.
 Ingestion: If symptoms persist, consult physician.

SECTION V. Fire-Fighting Measures

Extinguishing Media: Water haze, foam, carbon dioxide, fire-extinguishing powder
 Note: For safety reasons water with full jet is not recommended.
 Protective Equipment: No special measures required.
 Additional Information: Cool endangered receptacles with water spray.

SECTION VI. Accidental Release Measure

Person-Related Safety Precautions: Avoid formation of dust.
 Avoid eye and skin contact with substance.
 Environmental Protection: No special measures required.
 Cleaning/collecting: Pick-up mechanically.

Product: **RESIN PLUS OPAQUE POWDER****SECTION VII.****Handling and Storage**

Handling:	Prevent formation of dust.
Fire and Explosion Protection:	Protect against electrostatic charges.
Storage:	Do not store at temperatures over 30 C. Store away from foodstuffs. Store in dry conditions.

SECTION VIII.**Exposure Controls/Personal Protection**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. The EU-lists valid at this time were used as a basis for evaluation.

Personal Protective Equipment:	General Protective and Hygienic Measures. Do not eat, drink, smoke or sniff while working. Be sure to clean skin thoroughly after work and before breaks. Store protective clothing separately.
Respiratory:	Use suitable respiratory protective device in case of insufficient ventilation(Filter P2).
Hands:	Protective gloves. Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
Penetration Time of Glove Material:	The exact break through time has to be determined by the manufacturer of the protective gloves and has to be observed.
Eyes:	Safety glasses.

SECTION IX.**Physical and Chemical Properties**

Form:	Solid	Flash Point:	Not applicable
Color:	Tooth colored	Self-igniting:	Product is not self-igniting.
Odor:	Odorless	Explosion Danger:	Dust explosion is possible
Melting Point/Range:	Not determined	Density @ 20 C:	2.3 g/cm ³
Boiling Point/Range:	Not determined	Solubility in Water:	Not soluble in water.
pH Value:	Not applicable		
Viscosity (Dynamic/Kinematic):	Not determined		

SECTION X.**Stability and Reactivity**

Thermal Decomposition/ Conditions to be Avoided:	Dibenzoyl peroxide may decompose during localized heating above 30 C.
Dangerous Decomposition Products:	During thermal decomposition, flammable fumes, which may irritate the eye and which consist of methylmethacrylate may develop.

SECTION XI.**Toxicological Information**

Acute Toxicity:	LD/LC50 Values relevant for classification: Dibenzoyl Peroxide 78% LD-50 Oral >5000 mg/kg rat (lit.)
Primary Irritant Effect:	
Skin:	Irritant to skin and mucous membranes. Sensitivity thru skin contact.
Eye:	Irritating effect.
Caused by our manufacturing procedures, there is a content of dibenzoyl peroxide of max. 2.5%. The product shows the following dangers according to the calculation method of the "General EU Classification Guidelines for Preparations" as issued in the latest version - irritant.	

Product: **RESIN PLUS OPAQUE POWDER****SECTION XII. Ecological Information**

Generally not hazardous for water. No known hazard to water.

SECTION XIII. Disposal Considerations

Waste Disposal:	Must be specially treated adhering to official regulations.
Uncleaned Packaging:	Packaging that can not be cleaned are to be disposed of in the same manner as the product.

SECTION XIV. Transport Information

Land transport			
ADR/RD (cross-border):	ADR/RD Class:		Not Available.
Maritime Transport IMDG:	IMDG Class		Not Available.
Marine Pollutant:	No		
Air Transport ICAO-TI and IATA-DGR:	ICAO/IATA Class		Not Available.
Remarks:	Not dangerous according to the above specifications.		

SECTION XV. Regulatory Information

Labelling According to EU Guidelines:	The product has been classified and marked in accordance with EU Directives/ Ordinance on Hazardous Materials.
Code Letter and Hazard Designation:	Xi Irritant
Hazard-determining Components of Labelling:	Dibenzoyl Peroxide
Risk Phrases:	43 May cause sensitivity by skin contact.
Safety Phrases:	24 Avoid contact with skin. 37 Wear suitable gloves. 60 This material and its container must be disposed of as hazardous waste.
National Regulations:	
Water Hazard Class:	Generally not hazardous for water.
Other Regulations, Limitations and Prohibitive Regulations:	VBG 119 "Hazardous mineral dust", Fassung vom 01.10.1988. UVV "Organic peroxides". BG-Merkblatt M001.

SECTION XVI. Other

Relevant R-phrases:	2 Risk of explosion by shock, friction, fire or other sources of ignition. 36 Irritating to the eyes. 43 May cause sensitivity by skin contact.
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