



# Material Safety Data Sheet

## PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** COMPETITION POWDER WHITE  
**Manufacture:** Tres Chic Nails  
 P.O. Box 24500  
 Rochester, NY 14624

**Version Number:** 01  
**MSDS / Product Code:** 02000  
**Issued Date:** 01-01-08

**Telephone Number:** 585-247-6060

**Fax Number:** 585-429-9897

## TELEPHONE NUMBERS – 24 HOUR EMERGENCY ASSISTANCE:

**Infotrac Domestic - 800-535-5053**

**Infotrac International - 352-323-3500**

## 1. HAZARDOUS INGREDIENTS

| MATERIAL OR COMPONENT: | HAZARD DATA:   |
|------------------------|--|
| Benzoyl Peroxide 1-2%  | Exposure limits of 5 mg/m <sup>3</sup> TLV as set by OSHA. Dust explosion hazard. Treat as any combustible dust. Benzoyl peroxide decomposes rapidly over 106°C-108°C. |

## 2. PHYSICAL DATA

| Boiling Point/ 760 MM HG: | Melting Point: | Specific Gravity (H2O=1): | Vapor Pressure: | Vapor Density (AIR=1): | Solubility in H2O, % by Weight: | % Volatiles by Volume: | Evaporation Rate (Butyl Acetate=1): |
|---------------------------|----------------|---------------------------|-----------------|------------------------|---------------------------------|------------------------|-------------------------------------|
| N/A                       | N/A            | N/A                       | N/A             | N/A                    | Negligible                      | None                   | N/A                                 |

**APPEARANCE AND ODOR:** Free-flowing clear, white, or pink powder. Polyethylmethacrylate odor.

## 3. FIRE AND EXPLOSION DATA

### FLASH POINT (TEST METHOD):

Tagliabue Open Cup: 300°F.

### AUTOIGNITION TEMPERATURE:

Not Applicable

### FLAMMABLE LIMITS IN AIR, % BY VOL:

**LOWER:**  
N/A

**UPPER:**  
N/A

### Method:

Extinguishing Media: Carbon Dioxide, Water, Dry Chemical.

Fire Fighting Instructions: Fight as any plastic fire. Do not disperse dust into the air.

Unusual Fire and

Explosion Hazards: None. Same as any combustible dust. Composed of 100% combustible material.



# Material Safety Data Sheet

## 4. HEALTH HAZARD INFORMATION

### HEALTH HAZARD DATA

#### Routes of Exposure:

Inhalation: Actual exposure TLV of benzoyl peroxide is well below the inert value of 15 mg./m.  
Skin Contact: Irritating as a dust only.  
Skin Absorption: None.  
Eye Contact: Irritating as a dust. Flush with water for 15 minutes.  
Ingestion: Not to be ingested. Only harmful ingredient is benzoyl peroxide.

#### Effects of Overexposure:

Acute Overexposure: Irritated or reddened skin.  
Chronic Overexposure:

#### Emergency and First Aid Procedures:

First Aid for Eye Wash with water for 15 minutes, if irritated.  
First Aid for Skin Remove dust with soap and water.  
First Aid for Inhalation Remove to fresh air, away from dust.  
First Aid for Ingestion Very large quantities would have to be ingested.

## 5. REACTIVITY DATA

#### Conditions Contributing To Instability:

Open flames applied to powder, or in non-exhausted rooms where dust is in the air.

#### Incompatibility:

Combustibles, concentrated amine accelerators, strong oxidizers, reducing agents, and strong acids.

#### Hazardous Decomposition Products:

Ethyl methacrylate, carbon monoxide, biphenyl, depending upon conditions of heating or burning.

#### Conditions Contributing To Hazardous Polymerization:

None.

## 6. SPILL OR LEAK PROCEDURES

#### Steps to be taken if material is Released or spilled:

Sweep up spills with non-metallic tools to avoid a dust explosion.

**Neutralizing chemicals:** None necessary.

**Waste Disposal Method:** Scavenger service or incineration (preferred).



# Material Safety Data Sheet

## 7. SPECIAL PROTECTION INFORMATION

### Ventilation Requirements:

Ventilation, under normal conditions of use, is unnecessary. In bulk quantities, or when re-packaging, a half-mask respirator (for example, a North Half mask, No.7700 Series) should be used. Note: Respirator program must comply with OSHA Standard 29 CFR 1910.134. Do not use 3M type disposable mask.

### Specific Personal Protective Equipment:

#### Respiratory (specify in detail):

None necessary under normal salon conditions of use. Use of bulk quantities or re-packaging bulk necessitates the use of a tight-fitting mask, as above.

#### Eye:

None necessary under normal conditions of use.

#### Gloves:

None necessary under normal conditions of use. Rubber gloves should be used when handling bulk quantities.

### Other Clothing and Equipment:

No special clothing required, under normal conditions of use. If bulk quantities are to be handled, a respirator, hair net, rubber gloves, and a laboratory coat are recommended to reduce exposure to nuisance dust.

## 8. SPECIAL PRECAUTIONS

### Precautionary Statements:

Handle Powder as any other combustible dust. In bulk quantities, use a respirator (for example, a North 7700 half-mask, with Part No. 7500-8 respirator filter).

Clean dust mask after every use, according to the manufacturer's instructions.

Benzoyl peroxide decomposes, in the event of fire, to give biphenyl, TLV .2 ppm (vapor), .1mg.m. particulates, as set by OSHA.

### Other Handling and Storage Requirements:

Store Powder in light-proof containers, away from Liquid, sunlight, and source of heat to prevent decomposition of the benzoyl peroxide and organic pigment components. Decomposition of the benzoyl peroxide will lead to slower setting times for the nail sculpture mix and a discoloration of the powder. Store away from any source of ignition or heat.

### Disclaimer:

The data contained herein is based upon information that Très Chic Nails believes to be reliable. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.