

## Classic Titanium White

**NSI-142**


Xi : Irritant

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Trade name** : Classic Titanium White  
**Identification of the product** : Powder.  
**Type of product** : Polymer.  
**Use** : For professional use only.  
**Company identification** : NAIL SYSTEMS INTERNATIONAL  
 2 Union Hill Road  
 W. Conshohocken, PA 19428 UNITED STATES  
 Tel. (610) 825-1524  
**Emergency phone nr** : Infotrac (800) 535-5053 - Outside USA (352) 323-3500

### 2 HAZARDS IDENTIFICATION

**Risk Phrases** : Irritating to eyes, respiratory system and skin.  
**Primary route of exposure** : Skin and eyes contact. Inhalation of dust.  
**Symptoms relating to use**  
 - **Inhalation** : May cause irritation to the respiratory tract and to other mucous membranes.  
 Cough. Shortness of breath.  
 - **Skin contact** : Redness, pain.  
 - **Eye contact** : Pain. Redness. Tears.  
 - **Ingestion** : Not expected to present a significant ingestion hazard under anticipated conditions  
 of normal use. Must not come into contact with food or be consumed.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Substance / Preparation** : Preparation.  
**Components** : This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	Classification
Polyethylmethacrylate	: > 80 < 99 %	9003-42-3	----	----	Xi; R36/37/38
Polymethyl Methacrylate	: > 1 < 20 %	9011-14-7	----	----	Xi; R36/37/38
Benzoyl Peroxide	: > 0.1 < 0.7 %	94-36-0	202-327-6	617-008-00-0	E; R2 Xi; R36 R43
CI 77891 / Titanium Dioxide	: > 0.5 <= 1.5 %	13463-67-7	236-675-5	----	
Silica	: < 0.01	112945-52-5	231-545-4	----	

### 4 FIRST AID MEASURES

**First aid measures**  
 - **Inhalation** : Assure fresh air breathing.  
 If you feel unwell, seek medical advice.

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### 4 FIRST AID MEASURES (continued)

- Eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, tears or redness persist.
- Ingestion : Rinse mouth. Obtain medical attention. If possible show this sheet, if not available show packaging or label.

### 5 FIRE-FIGHTING MEASURES

- Flammable class** : The product is not flammable.
- Specific hazards** : Under fire conditions, hazardous fumes will be present. NOx, NH3, SOx
- Extinguishing media** : All extinguishing media can be used.
- Surrounding fires** : Use water spray or fog for cooling exposed containers.
- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Exercise caution when fighting any chemical fire.

### 6 ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Equip cleanup crew with proper protection. Respiratory protection equipment may be necessary.
- Environmental precautions** : Prevent entry to sewers and public waters.
- Clean up methods** : Sweep up dry powder and dispose properly. Dilute residues and flush.

### 7 HANDLING AND STORAGE

- General** : Use good housekeeping practices to avoid rendering dust airborne.
- Precautions in handling and storage** : Approved dust or mist respirator should be used if airborne particles are generated when handling this material.
- Storage** : Keep only in the original container in a cool, well ventilated place.
- Handling** : Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Personal protection**
  - Respiratory protection : Where excessive dust may result, wear approved mask.
  - Hand protection : Gloves.
  - Skin protection : No special protection required where adequate ventilation is maintained.
  - Eye protection : Goggles.
- Industrial hygiene** : Provide local exhaust or general room ventilation to minimize exposure to dust.
- Occupational Exposure Limits** : Dibenzoyl peroxide : TLV<sup>©</sup> -TWA [mg/m<sup>3</sup>] : 5

### 9 PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Powder.
- Physical state at 20 °C** : Granular solid.



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### 9 PHYSICAL AND CHEMICAL PROPERTIES (continued)

Colour : White.  
Odour : Characteristic.  
Solubility in water : Negligible.  
Flash point [°C] : 304

### 10 STABILITY AND REACTIVITY

Stability and reactivity : Stable.  
Hazardous decomposition products : According to process conditions, hazardous decomposition products may be generated. organic esters that may contain methacrylates, carbon monoxide, organic acids, aldehydes & alcohol.  
Hazardous polymerization : Will not occur.  
Hazardous properties : None under normal conditions.  
Materials to avoid : Strong oxidizers.  
Conditions to avoid : Avoid generating airborne dust

### 11 TOXICOLOGICAL INFORMATION

Toxicity information : Irritating to eyes, respiratory system and skin.  
Rat oral LD50 [mg/kg] : Ingredient Data:  
Titanium Dioxide >24,000 mg/kg  
Benzoyl Peroxide > 5000 mg/kg  
Rabbit dermal LD50 [mg/kg] : No data available.  
Rat inhalation LC50 [mg/l/4h] : Ingredient Data:  
Titanium Dioxide > 6820 mg/m<sup>3</sup>/4H  
Benzoyl Peroxide >24.3 mg/l/4H  
Sensitization : This product contains small amounts of an ingredient which has been reported to cause skin sensitization reactions in humans.

### 12 ECOLOGICAL INFORMATION

LC50-96 Hour - fish [mg/l] : No data available.  
48 Hour-EC50 - Daphnia magna [mg/l] : No data available.  
IC50 72h Algae [mg/l] : No data available.

### 13 DISPOSAL CONSIDERATIONS

General : Dispose in a safe manner in accordance with local/national regulations.

### 14 TRANSPORT INFORMATION

General information : Not regulated.



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**Classic Titanium White****NSI-142****15 REGULATORY INFORMATION**

**Symbol(s)** : Xi : Irritant  
**R Phrase(s)** : R36/37/38 : Irritating to eyes, respiratory system and skin.  
**S Phrase(s)** : S22 : Do not breathe dust.  
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S51 : Use only in well-ventilated areas.  
**Further Phrases** : Contains : Dibenzoyl peroxide. May produce an allergic reaction.

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

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