

Speed Brilliant White

NSI-153


Xi : Irritant

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

Trade name : Speed Brilliant 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	: > 95 < 99.5 %	9003-42-3	----	----	Xi; R36/37/38
Polymethyl Methacrylate	: < 5 %	9011-14-7	----	----	Xi; R36/37/38
CI 77891 / Titanium Dioxide	: > 0.5 < 1.5 %	13463-67-7	236-675-5	----	
Benzoyl Peroxide	: > 0.1 < 0.7 %	94-36-0	202-327-6	617-008-00-0	E; R2 Xi; R36 R43
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. NO_x, NH₃, SO_x
- 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[©] -TWA [mg/m³] : 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/m³/4H
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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Speed Brilliant White**NSI-153****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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