Xi : Irritant

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

Trade name : Classic Nail Powders

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
Silica	:	< 0.01	112945-52-5	231-545-4	-----	
May Contain:	:		-----	-----	-----	
CI 15850 / Red 7	:	> 0.1 < 1 %	5858-81-1	227-497-9	-----	
CI 77891 / Titanium Dioxide	:	> 0.1 < 1 %	13463-67-7	236-675-5	-----	

4 FIRST AID MEASURES

First aid measures

- Inhalation	: Assure fresh air breathing. If you feel unwell, seek medical advice.
- 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© -TWA [mg/m³] : 5

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Powder.
Physical state at 20 °C	: Granular solid.
Colour	: May be White or Pink.
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.

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

For EU Regulatory Inquiries please contact:
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