

Technailcolors

NSI-129


Xi : Irritant

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

Trade name : Technailcolors
Identification of the product : Powder.
Type of product : Polymer.
Use : Professional use.
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 : May cause sensitization by skin contact.
 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** : May produce skin irritation.
 - **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	> 70 < 100 %	9003-42-3	-----	-----	Xi; R36/37/38
Polymethylmethacrylate	> 5 < 20 %	9011-14-7	-----	-----	Xi; R36/37/38
BENZOYL PEROXIDE	< 1 %	94-36-0	202-327-6	617-008-00-0	E; R2 Xi; R36 R43
May Contain:		-----	-----	-----	
CI 77891 / Titanium Dioxide	< 1 %	13463-67-7	236-675-5	-----	
CI19140 / Yellow 5	< 1 %	1934-21-0	217-699-5	-----	R42/43
CI 15850 / Red 7	< 1 %	5281-04-9	226-109-5	-----	
CI 60725 / Violet 2	< 1 %	81-48-1	201-353-5	-----	
CI 77491 / Red Iron Oxide	< 1 %	20344-49-4	215-570-8	-----	
CI 77492 / Yellow Iron Oxide	< 1 %	51274-00-1	257-098-5	-----	
Mica	< 1 %	12001-26-2	-----	-----	



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3 COMPOSITION/INFORMATION ON INGREDIENTS (continued)

CI42090 / Blue 1	:	< 1 %	3844-45-9	223-339-8	-----
CI 73360 / Red 30	:	< 1 %	2379-74-0	219-163-6	-----
CI 45370 / Orange 5	:	< 1 %	596-03-2	209-876-0	-----
CI 77499 / Black Iron Oxide	:	< 1 %	1317-61-9	215-277-5	-----

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.

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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

- Physical state at 20 °C** : Powder.
- Colour** : Varies depending on product. Powder ranging from white to black to brightly colored.
- Odour** : Barely perceptible.
- 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.
- Hazardous polymerization** : Will not occur.
- Hazardous properties** : None under normal conditions.
- Conditions to avoid** : Sparks.
Open flame.
Overheating.

11 TOXICOLOGICAL INFORMATION

- Toxicity information** : Irritating to eyes, respiratory system and skin.
- Rat oral LD50 [mg/kg]** : No data available.
- Rabbit dermal LD50 [mg/kg]** : No data available.
- Rat inhalation LC50 [mg/l/4h]** : No data available.
- Sensitization** : May cause sensitization by skin contact.

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.



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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.
R43 : May cause sensitization by skin contact.

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.
S37 : Wear suitable gloves.
S51 : Use only in well-ventilated areas.

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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