

Material Safety Data Sheet

*Nail Powder*

Product Name: Nail Powder  
Chemical Name: NA

- ACRYLIC POLYMER
- Uses: NAIL POLYMER
- Formulation: Proprietary Formulation

Manufacturer: Nails Direct  
 Emergency Phone Numbers: (800) 535-5093  
 Information Contacts: (914) 753-2472

Chemical Identity	CAS Numbers	Exposure Limits		Carcinogen
		OSHA TWA/STEL	ACGIH TWA/STEL	
Poly (Methyl and Methyl Methacrylate)	N/E	15 mg/m3	10 mg/m3	Not Listed
Benzoyl Peroxide	94-36-0	5 mg/m3	5 mg/m3	Not Listed

NR - Not Reviewed  
 N/A - No Data Available  
 NA - Not Applicable

EMERGENCY OVERVIEW

- May cause allergic skin reaction.
- May cause eye irritation.
- Dust may cause irritation of the nose, throat, and lungs.
- This product may contain particulate, not otherwise classified (Nuisance Dust)

Potential Health Effects, Signs and Symptoms of Exposure:

**Primary Route of Entry** Eyes or skin (No absorption); inhalation of dust.

**Eye** Higher concentration can irritate eyes. May cause eye irritation or damage.

**Skin** Repeated or prolonged exposure may cause allergic skin rashes.

**Ingestion** Higher concentration can irritate respiratory system.

**Inhalation** Possible temporary discomfort due to inhalation of dust concentration above the permissible exposure limit. Dust may cause irritation of the nose, throat, and lungs.

**Sub-Chronic Effects** For Polymer: OSHA classifies this material as Particulates, Not Otherwise Classified. Eyes, skin and Respiratory tract may be irritated by gross overexposure to Particulates, Not Otherwise Classified, no matter how they are generated. Avoid inhalation of dust. Keep dust out of eyes to prevent possible irritation.

For decomposition product: Methyl Methacrylate Monomer; Liquid or high vapor concentration can irritate eyes, respiratory system and cause skin rashes. Prolonged exposure can lead to headaches, nausea, staggering gait, confusion, drowsiness and unconsciousness. Repeated and prolonged over exposure may cause permanent brain and nervous system damage, allergic skin rashes, eye corrosion and permanent injury, as well as changes in liver and kidney function or damage.

For Benzoyl Peroxide: Prolonged and/or repeated skin contact may cause skin irritation, defatting, dermatitis and sensitization. May cause eye irritation or damage. Dust may cause irritation of the nose, throat and lungs. May produce muscular weakness upon ingestion.

NOTE: Refer to Section 11, Toxicological Information for Details

# Material Safety Data Sheet

## Identification

**First Aid for Eye:** Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.

**First Aid for Skin:** Wash with soap and water. Get medical help if discomfort persists.

**First Aid for Inhalation:** Remove to fresh air. Get medical help if discomfort persists.

**First Aid for Ingestion:** Rinse mouth out with water. Call doctor if amount was large.

## Physical and Chemical Properties

Flash Point (°C)	Flammable Limit (vol%)	Auto-ignition Temperature (°C)
TAG Closed: 180 deg F	N/A	N/E

**Method:**

**Extinguishing Media:** Water, carbon dioxide, dry chemical.

**Fire Fighting Instructions:** Avoid extinguishing methods that generate dust clouds. Water streams can disperse dust into air, producing a fire hazard and possible explosion hazard. Fire-fighters should wear self-contained breathing apparatus.

**Unusual Hazards:** Polymer dust is combustible, explosive limits of the polymer particles suspended in air are approximately those of coal dust.

## Accidental Release Procedures

**Spill or Release Procedures:** Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills.

## Handling and Storage

- Handling:**
  - Observe precautions found on the label. Wash face and hands thoroughly with soap and water after handling and before eating, drinking or smoking. Avoid prolonged or repeated contact with skin. Avoid contamination. Use only with adequate ventilation.
- Storage:**
  - Store in cool, dry place away from heat, sparks, flame and direct sunlight. Close container after each use. Ground all metal containers when transferring. Use explosion-proof equipment.
  - Store away from combustibles and incompatible materials.
- Explosion Hazard:**
  - Polymer dust is combustible, explosive limits of the polymer particles suspended in air are approximately those of coal dust.

## Engineering Controls and Personal Protective Equipment

**Engineering Controls:** Use good local exhaust at processing equipment, including buffers, sanders, grinders and polishers. High temperature processing equipment should be well ventilated. Use explosion-proof equipment. Provide ventilation if necessary to control exposure levels below airborne exposure limits.

**Personal Protective Equipment:**

- General:** Dust collectors are recommended for handling powder in bulk.
- Eye/Face Protection:** Use safety glasses and have eye flushing equipment immediately available.
- Skin Protection:** Minimize contamination by following good industrial practice. Wearing nitrile, neoprene, pvc, latex or other impermeable gloves is recommended.
- Respiratory Protection:** Avoid breathing dust and mist. Use dust mask.

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## International Regulations

CDSL: Canadian Inventory  
(on Canadian Transitional List)

## Components Listed

HMES: European Inventory:

No information available

## Other Information

Hazard Rating System

NFPA: Health = 1/Flammability = 1/Reactivity = 1

Product Number -

HMIS: Health = 1/Flammability = 1/Reactivity = 1

Approval Date: 11/13/98

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