

# Material Safety Data Sheet

## Section I Product and Company Identification

Product Name: Acrylic Polymer  
Chemical Name: N/A

Family: Acrylic Polymer  
Product Use: Nail Polymer  
Formula Proprietary Formulation

Exclusive European Supplier:  
Maiwell nail beauty & wellness equipment  
Contactphone: 0049(441)/9351298  
Manufacturer: JO - KEL TROY  
Emergency Phone Numbers: 001(800) 535-5053  
Information Contacts: 001(609) 663-4700

## Section II Hazardous Ingredients

CHEMICAL IDENTITY	CAS NUMBERS	Exposure	Limits	Carcinogen
		OSHA TWA/STEL	ACGIH TWA/STEL	IARC/NTP/OSHA
Poly ( Ethyl and Methyl Mathacrylate )	N/E	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	not listed
Benzoyl Peroxide	94 - 36 - 0	5mg/m <sup>3</sup>	5mg/m <sup>3</sup>	not listed

N/E - None Established  
N/R - Not Reviewed  
N/DA - No Data available  
N/A - Not Applicable

## Section III Hazardous Identification

### 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 Absorbtion ) ; 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 causes 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 Benzol 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 XI, Toxicological Information

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## Section IV First Aid Measures

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 to Ingestion:	Rinse mouth out with water. Call doctor if amount was large

## Section V Fire Fighting Measures

Flash Point (°F/ °C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
Tag closed: 580 de 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.

## Section VI Accidental Release Measures

Spill or Release Procedures-	• Sweep up to avoid slipping hazard. Keep Airborne particulation at a minimum when cleaning up spills
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## Section VII 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 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.

## Section VIII Exposure Controls / Personal Protective Equipment

Engineering Controls:	Use good local exhaust at processing equipment, including buffers, sanders, grinders and 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,
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### 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.



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defined by the U.S Clean Air Act.

Clean Air Act: ODS	This Product neither contains, nor was manufactured with a class I or Class II ozone depleting substances (ODS)
Clean Water Act: Priority Pollutant	This product contains no chemicals listed under the U.S. Clean Priority Pollutanr List.
FDA Food Packaging Status:	This product has not been cleared by the FDA for use in food packaging and/or other applications as an indirect food additive.
Occupational Safety and Health Act:	This product contains hazardous chemical under the OSHA Hazard Communication Standard.. Its hazards are: immediate (acute) health hazard; Reactive hazard; fire hazard
RCRA waste under	This product contains no chemicals considered to be hazardous RCRA (40 CFR 261).
SARA Title III: Section 302 extremely	This product contains no chemicals regulated under Sec. 302 as hazardous substances.
SARA Title III: Section 304 extremely notification („CERCLA“ List)	This product contains no chemicals regulated under Sec. 304 as hazardous chemicals for emergency release
SARA Title III: Section 311-312	This product contains hazardous substance under the OSHA Hazard Communication Standard. and is reguated under Section 311 - 312 (40 CFR 370) Its hazards are: Immediate(acute) health hazard; Reactive hazard; Fire hazard
SARA Title III: Section 313	This Product contains chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund. Amendments and Reauthorisation Act of 1986 and 40 CFR Part 372. Benzoyl Peroxide : CAS : 94-36-0
TSCA Section 8(b):Inventory:	None

## State Regulation

CA Proposition 65:	This product contains no substances known to the State of California to cause cancer and reproductive effects,
MA Right-to-Know Law:	This product contains: Benzoyl Peroxide CAS : 94-36-0 wich is listed on the Massachusetts Hazardous Substance List.
NJ Right-to-Know Law:	This product contains Benzoyl Peroxide CAS : 94-36-0 wich is listed on the New Jersey Hazardous List
PA Right-to-Know Law:	This product contains: Dibenzoyl Peroxide CAS: 94-36-0 wich is listed on the Pennsylvania Environmental Hazardous Substance List

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## Section IX Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile		
Fine, white powder	Faint odor in bulk.	N/A	N/A	N/A	N/A		
Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure	Vapor Density	Evaporation Rate	Ignition	Solubility in Water (20 °C)
N/A	N/A	N/A	N/A	N/A	N/A	N/A	insoluble

## Section X Stability and Reactivity

Stability: stable	Incompatibility (Materials to Avoid): Strong oxidizing agents
Hazardous Decomposition Products: methacrylate monomers	Hazardous Polymerization: will not occur
Conditions to avoid: Heating above 240 deg C, 464 deg F	

## Section XI Toxicological Information

Acute Oral Toxicity LD 50 Oral(Rat): 7990mg/kg	Acute Dermal Toxicity LD 50 Dermal (Rabbit): 35,500mg/kg	Acute Inhalation Toxicity LC50 Inhalation (Rat): >12,500 to 16,500 ppm	Irritation Skin mild	Irritation Eye mild
Sensitization None	Mutagenicity None	Sub-chronic Toxicity None		

## Section XII Ecological Informations

Ecotoxicological Information				
Acute Toxicity to Fish Flathead minnows and goldfish TLm24: 420 ppm	Acute Toxicity to Invertebrates N/DA	Acute Toxicity to Algae N/DA	Bioconcentration N/DA	Toxicity to Sewage Bacteria N/DA
Bluegills TLm24: 368ppm	Chemical Fate Information Biodegradability N/DA • Chemical Oxygen Demand N/DA			

## Section XIII Disposable Concentrations

- May be disposed of in a landfill or incinerated. Follow Federal, State and Local regulations for disposal

## Section XIV Transport Information

- DOT/UN Shipping Name : Non- hazardous, not regulated.

## Section XV Regulatory Information

US Federal Regulations  
Clean Air Act: HAP

This Product contains no hazardous air pollutants (HAP),as

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## Section XVI Regulatory Information

### International Regulations

CDSL: Canadian Inventory      Component Listed  
(on Canadian Transitional List)

EINECS: European Inventory:      No information available

## Section XVII Other Information

### Hazardous Rating System

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

Product Number -

Approval Date: 11/13/98

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