

## Section I - Product and Company Identification

**Product Name:** Supply Source Acrylic Powder - CLEAR  
**Chemical Name:** NA

**Family:** ACRYLIC POLYMER

**Manufacturer: The Supply Source**  
 4500 Hiatus Road, Suite 207, Sunrise, FL

33351

**Product Use:** NAIL POLYMER

**954-742-9553**

**EMERGENCY Contact: CHEM-TEL Inc. At 800-255-3924 or 813-248-0573**

## Section II - Hazardous Ingredients

Chemical Identity	CAS Numbers	INCI Name	Exposure	Limits	Carcinogen	%
			OSHA TWA/STEL	ACGIH TWA/STEL		
Poly (Ethyl and Methyl Methacrylate )	25685-29-4	N/E	15 mg/m3	10 mg/m3	IARC/NTP/OSHA Not Listed	>99
Dibenzoyl Peroxide	94-36-0	Benzoyl Peroxide	5 mg/m3	5 mg/m3	3/no/no	<1

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

## Section III - Hazards 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 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: repeated or prolonged contact may cause skin sensitization.

NOTE: Refer to Section 11, Toxicological Information for Details

## 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 for 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 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.

## Section VI - Accidental Release Measures

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

## 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 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.

## Section VIII - Exposure Controls / 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.

## 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:

Incompatibility (Materials to Avoid):

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Stable

## Hazardous Decomposition Products:

methacrylate monomers

## Conditions to Avoid:

Heating above 240 deg C , 464 deg F

Strong oxidizing agents

## Hazardous Polymerization:

will not occur

## Section XI - Toxicological Information

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - skin	Irritation - Eye
LD50 Oral (Rat) : 7990mg/kg	LD50 Dermal (Rabbit): 35,500 mg/kg	LC50 Inhalation (Rat) : >12,500 to 16,500 ppm for 0.5 hours	mild	mild

Sensitization	Mutagenicity	Sub-chronic Toxicity
N/DA	None	None

## Section XII - Ecological Information

### Ecotoxicological Information

Acute Toxicity to Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
Flathead minnows and goldfish TLm24 : 420 ppm Bluegills TLm24 : 368 ppm	N/DA	N/DA	N/DA	N/DA

### 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/ODS	This product contains no hazardous air pollutants (HAP) or ODS's, as defined by the U. S. Clean Air Act.
Clean Water Act: Priority Pollutant	This product does not contains no chemicals listed under the U.S. Clean Water Act Priority Pollutant 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 does not contains hazardous chemical under the OSHA Hazard Communication Standard. Its hazards are: Immediate (acute ) health hazard; Reactive hazard; Fire hazard
RCRA	This product contains no chemicals considered to be hazardous waste under RCRA ( 40 CFR 261).
SARA Title III: Section 302	This product contains no chemicals regulated under Sec. 302 as extremely

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	hazardous substances.
SARA Title III: Section 304	This product contains no chemicals regulated under Sec. 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List).
SARA Title III: Section 311-312:	This product contains hazardous substance under the OSHA Hazard Communication Standard and is regulated under Section 311 - 312 (40 CFR 370). Its hazards are: None Immediate (acute) health hazard; None Reactive hazard; None Fire hazard None
SARA Title III: Section 313:	This product contains the following chemicals outlined in SARA Title III: Section 313: Benzoyl Peroxide CAS #94-36-0.
TSCA Section 8(b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.

## State Regulations

CA Right-to-Know Law:	Benzoyl Peroxide CAS #94-36-0
MA Right-to-Know Law:	Benzoyl Peroxide CAS #94-36-0
NJ Right-to-Know Law:	Benzoyl Peroxide CAS #94-36-0
PA Right-to-Know Law:	Benzoyl Peroxide CAS #94-36-0
FL Right-to-Know Law:	Benzoyl Peroxide CAS #94-36-0
MN Right-to-Know Law:	Benzoyl Peroxide CAS #94-36-0

## International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	Benzoyl Peroxide CAS #94-36-0 is on the DSL list. WHMIS = C, D2B, B4
EINECS: European Inventory:	Benzoyl Peroxide (202-327-6) <ul style="list-style-type: none"><li>Hazard Symbol (XI E), R Values (R2, R36, R43), S Values (S3, S7, S14, S36/37/39)</li></ul>

## Section XVI - Other Information

Hazard Rating System

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

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

Product Number -

Approval Date: 11/29/00

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