

**Material Safety Data Sheet****CRYSTAL NAILS MASTER POWDER CLEAR****Section 1 – Identification of the Substance/Preparation and of the Company/Undertakin**

Material/Product Name: Master Powder Clear

MSDS Initial Approval Date:  
07/01/20 02

Chemical Name: N/A

MSDS Prepared by: BSQ

Manufacturer/Distributor: Litrox Factory Investments LLC (443960-91)

Family: ACRYLIC POLYMER

US 8130 SW Portland, Oregon,

Beaverton-Hillsdale Highway 97225.

Product Use: NAIL POLYMER**Product #: 4021001****Section 2 - Composition/Information on Ingredients**

| Chemical Identity   | CAS Numbers | EINECS#   | INCI Name             | Exposure<br>OSHA<br>TWA/STEL | Carcinogen<br>ACGIH<br>TWA/STEL | Limits<br>IARC/NTP/OSHA | %     |
|---|-------------|-----------|-----------------------|------------------------------|---------------------------------|-------------------------|-------|
| Poly (ethyl methacrylate)                                     | 9003-42-3   | N/E       | Polyethylmethacrylate | N/E                          | N/E                             | Not Listed              | 95-99 |
| Dibenzoyl Peroxide  | 94-36-0     | 202-327-6 | Benzoyl peroxide      | 5 mg/m3                      | 5 mg/m3                         | 3/no/no                 | 95-99 |
| N/E - None Established    N/DA - No Data Available            |             |           |                       |                              |                                 |                         |       |
| N/A - Not                    N/R - Not Reviewed    Applicable |             |           |                       |                              |                                 |                         |       |

**Hazard Symbols:** Xi**Risk Phrases:** R36/37/38**Safety Phrases:** S18, S22, S24/25, S38

This product is not considered hazardous by OSHA Hazard Communication Standard.

**Section 3 - Hazards Identification****EMERGENCY OVERVIEW**

This information is based on findings from related or similar materials.

- 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 EffectsFor | 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.<br>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 4 - 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.                                       |

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**Section 5 - Fire Fighting Measures**

| Flash Point(°F/°C)      | Flammable Limit(vol%) | Auto-ignition Temperature(vol%) |
|-------------------------|-----------------------|---------------------------------|
| TAG Closed: 580°F/304°C | 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 6 - Accidental Release Measures**

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

**Section 7 - Handling and Storage**

Handling Storage 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.

Explosion Hazard 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.

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

**Section 8 - 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 9 - 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/<br>Freezing Point | Decomposition<br>Temperature | Octanol/Water<br>Partitioning Coefficient<br>Log Po/w | Vapor t<br>Pressure: | Vapor<br>Density | Evaporation<br>Rate | Ignition | Solubility<br>In Water<br>(20°C) |
| N/A                              | N/A                          | N/A   | N/A                  | N/A              | N/A                 | N/A      | insoluble                        |

| Flash Point(°F/°C)      | Flammable Limit(vol%) | Auto-ignition Temperature(vol%) |
|-------------------------|-----------------------|---------------------------------|
| TAG Closed: 580°F/304°C | N/A                   | N/E                             |

**Section 10 - Stability and Reactivity**

Stability: Stable

**Hazardous Decomposition Products:** methacrylate monomers

**Incompatibility (Materials to Avoid):** Strong oxidizing agents

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Occupational Safety and Health Act  
RCRA

SARA Title III: Section 302 (TPQ)

SARA Title III: Section 302 (RQ)

SARA Title III: Section 311-312:

SARA Title III: Section 313:

TSCA Section 8(b): Inventory:

TSCA Significant New Use Rule:

**State Regulations**CA Right-to-Know Law: California

No Significant Risk Rule:

MA Right-to-Know Law:

NJ Right-to-Know Law:

PA Right-to-Know Law:

FL Right-to-Know Law:

MN Right-to-Know Law:

**International Regulations**CDSL: Canadian Inventory (on  
Canadian Transitional List)

EINECS: European Inventory:



other applications as an indirect food additive.

This product is not considered a hazardous chemical under the OSHA Hazard Communication Standard.

This product contains no chemicals considered to be hazardous waste under RCRA ( 40 CFR 261).

This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances.

This product contains no chemicals regulated under Sec. 304 as extremely hazardous chemicals for emergency release notification ( "CERCLA " List). This product does not contain hazardous substances under the OSHA Hazard Communication Standard, and is not regulated under Section 311-312 (40 CFR 370).

This product contains the following chemicals outlined in SARA Title III: Section 313:

- Benzoyl Peroxide CAS #94-36-0. This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements. None of the chemicals listed have a SNUR under TSCA.

Benzoyl Peroxide CAS #94-36-0

NONE

Benzoyl Peroxide CAS #94-36-0

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Benzoyl Peroxide CAS #94-36-0

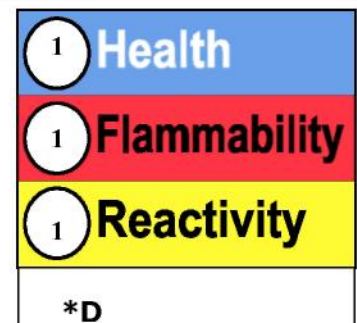
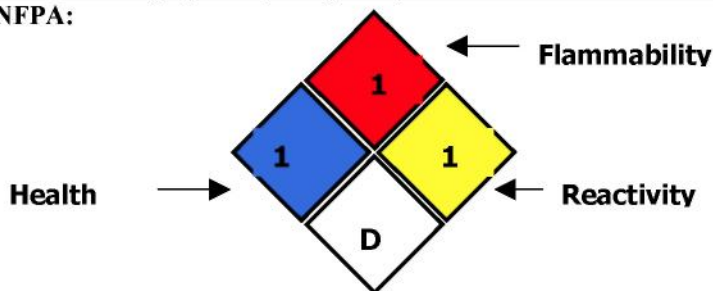
Polymethyl methacrylate CAS# 9011-14-7 is on the DSL List. WHMIS = n/da  
Benzoyl Peroxide CAS #94-36-0 is on the DSL list. WHMIS = C, D2B, B4**PolyPure Clear:**

- HAZARD SYMBOLS: **Xi: Irritant**
- RISK PHRASES: **R36/37/38: Irritating to eyes, respiratory system and skin**
- SAFETY PHRASES: **S18: Handle and open container with care, S22: do not breath dust, S24/25: avoid contact with skin and eyes, S38: in case of insufficient ventilation, wear suitable respiratory equipment.**

**Section 16 - Other Information****Hazard Rating System (Pictograms)**

NFPA:

HMIS:



\* - Respiratory protection may be necessary depending on conditions of use. Refer to Section VIII of this MSDS for respiratory protection guidelines.

OSHA PEL for nuisance dust: 15 mg/m<sup>3</sup> (total dust) 5 mg/m<sup>3</sup> (respirable dust)ACGIH PEL for nuisance dust: 10 mg/m<sup>3</sup>

Revised Sections since Last Version: Section 2 % changed from &lt;&gt; to range, headers changed, format update

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