



CHRISTRIO®

Manufacturer of Beauty Products

1950 Compton Ave. Ste. 103

Corona, CA. 92881

Phone: (951) 808-4730 Fax: (951) 808-4734

MATERIAL SAFETY DATA SHEET

Section I: Product and Company Identification

Product name: DELUXE ACRYLIC POLYMER (All colors)

Chemical Name: N/A

Family Name: Acrylic Polymer

FORMULA: Proprietary Mixture

Product Use: Powder (nail polymer)

Manufacturer: CHRISTRIO CORP.

1950 Compton Ave. #103

Corona, CA. 92881

Emergency Phone #: 800 535- 5053 International # 1-352-323-3500

Information Contact: (951) 808 – 4730

Section II: Hazardous Ingredient

Chemical Identity	CAS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/ OSHA	%
Polyethylmethacrylate	9003-42-3		N/E	N/E	Not Listed	65
Polymethyl Methacrylate	9001-14-7		N/E	N/E	Not Listed	33
Benzoyl Peroxide	94-36-0		N/E	N/E	Not Listed	1

May contain the following:

Chemical Identity	CAS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/ OSHA	%
Blue 1/CI42090	3844-45-9	Blue 1/CI42090	N/E	N/E	Not Listed	1
Yellow 5/CI19140	1934-21-0	Yellow 5/CI19140	N/E	N/E	Not Listed	1
Red 30/CI73360	2379-74-0	Red 30/CI73360	N/E	N/E	Not Listed	1
Red 7/CI15850	5281-04-9	Red 7/CI15850	N/E	N/E	Not Listed	1
Orange 5/CI45370	596-03-2	Orange 5/CI45370	N/E	N/E	Not Listed	1
Violet 2/CI60725	81-48-1	Violet 2/CI60725	N/E	N/E	Not Listed	1
CI77489	1317-61-9	CI77489	N/E	N/E	Not Listed	1
CI77491	1382-37-2	CI77491	N/E	N/E	Not Listed	1
CI77492	51274-00-1	CI77492	N/E	N/E	Not Listed	1
CI77891	13463-67-7	CI77891	N/E	N/E	Not Listed	1
MICA	12001-26-2	MICA	N/E	N/E	Not Listed	1

* Values do not reflect absolute minimums and maximums; these values are typical which may vary from time to time.

N/E – None Established
N/R – Not Reviewed
ND/A – No Data Available
N/A – Not Available

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

Section III: Hazard Identification

EMERGENCY OVERVIEW

- May cause allergic skin reaction.
- May cause eye irritation
- Dust may cause irritation of the nose, throat, and lung.
- 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 cause 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 eye, 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 damage, allergic skin rashes, eye corrosion and permanent injury, as well as changes in liver and kidney function or damage. For Titanium Dioxide: May cause temporary drying effect or irritation or mucous membranes. Although non-corrosive, non-irritating and non-sensitizing, it may have a dyeing effect on the skin. In contact with eye it is an inert foreign body. Harmless if swallowed, physiologically inert. For Benzoyl Peroxide: Repeated or prolonged contact may cause skin sensitization.

NOTE: Refer to section XI, Toxicological Information for Details.

Section IV: First Aid Measure

First Aid for eye	Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.
First Aid for Skin	Remove contaminated clothing. 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 thoroughly 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°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. Fire-fighters should wear self-contained breathing apparatus.
Unusual Hazards:	Polymer dust is combustible, explosive of the polymer particles suspended in air are approximately those of coal dust.

Section VI: Accident Release Measures

Spill or release	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 hand 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 area. Keep container closed when not in use. 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 Control 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. To identify additional personal protective equipment (ppe) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE standard (29CFR1910.132), or European standard EN166 be conducted before using this product. Provide eye wash stations and safety showers. Wear impervious clothing to prevent any contact with this product; such as gloves, apron, boots etc.

Eye/Face Protection Wear 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.

Respirator Protection Avoid breathing dust and mist. Use dust mask.

Section XI: Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Special Gravity	Viscosity	% Volatile	N/A
Fine powder, white, may be in many colors	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	Vapor 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

Condition to Avoid: Temperatures above 240°C, 464 deg F

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) 35,500mg/kg	LC50 Inhalation (rat): >12,500 to 16,500ppm for 0.5 hrs	mild	mild

Sensitization	Mutagenicity	Sub-chronic Toxicity
N/DA	None	None

Section XII: Ecological Information

Ecological Information Acute Toxicity To Fish	Acute Toxicity to Invertebrate	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
Flathead minnows and goldfish TLM24: 420ppm	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-regulated material
Identification #: N/A
Marine Pollutant: No
Special Provisions: N/A
Emergency Response Guidebook (ERG) #: N/A

IATA (DGR):

Shipping Name: Non-regulated material
Class or Division: N/A
UN or ID Number: N/A

IMO (IMDG):

Shipping Name: Non-regulated material
Class or Division: N/A
UN or ID Number: N/A
Special Provisions & Stowage/Segregation: None

Other Information:

Flash Point: 304 deg C

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 contain 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.
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 hazardous substances.
SARA Title III: Section 304	This product contains no chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List).
SARA Title III: Section 311-312	This product does not contain any hazardous substances under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370).
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 chemical 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:	Titanium Dioxide CAS# 13463-67-7, Benzoyl Peroxide CAS# 94-36-0
NJ Right-to-Know Law:	Titanium Dioxide CAS# 13463-67-7, Benzoyl Peroxide CAS# 94-36-0
PA Right-to-Know Law:	Titanium Dioxide CAS# 13463-67-7, Benzoyl Peroxide CAS# 94-36-0
FL Right-to-Know Law:	Benzoyl Peroxide CAS# 94-36-0
MN Right-to-Know Law:	Titanium Dioxide CAS# 13463-67-7, Benoyl Peroxide CAS# 94-36-0

International Regulations:

CDSL: Canadian Inventory
(on Canada Transitional List)

Titanium Dioxide CAS# 13463-67-7, WHMIS=Not controlled.
Benzoyl Peroxide CAS# 94-36-0, WHMIS=C, D2B, B4

EINECS: European Inventory:

Colored Polymer

- Hazard Symbol: Xi: Irritant
- Risk Phrases: R36/37/38: Irritating to eyes, respiratory system and skin
- Safety Phrases: S18: Handle and open with care, S22: do not breathe dust, S24/25: avoid contact with skin and eyes, S38: in case of insufficient ventilation, wear suitable respiratory equipment.

Section XVI: Other Information

Hazard Rating System

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

Product Number-

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

Approval date: 02/01/08

Supersedes Date: 02/01/07

The information presented herein was obtained from sources considered to be liable. However, this information is provided without any warranty, expressed or implied, regarding its correctness or suitability for consumers intended to use and/or application. For this and other reasons, we assume no responsibility and expressly disclaim liability for loss, damage or expense arising out of any way connected with handling, storage, use or disposal of the product. This MSDS was prepared expressly for this product. Use the materials only directed. If the product is used as a component of other product, the information contained within the MSDS may not be applicable. If one could have any concerns with or problems understanding this MSDS form, please direct all questions to INFOTRAC, Chemical Emergency Resources System at (800) 535-5053.