



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: Primer

Chemical Name: N/A

Family Name: N/A

Manufacturer: CHRISTRIO CORP.
1950 Compton Ave. #103
Corona, CA. 92881

Product Use: Nail Primer

Emergency Phone #: 800 535- 5053
International Phone #: 1-352-323-3500
Information Contact: (951) 808 – 4730

Section II: Product composition/Ingredients

Chemical Identity	CAS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/ OSHA	%
Methacrylic Acid	79-41-4	<u>Methacrylic Acid</u>	20ppm	20ppm	Not Listed	55
Butyl Acetate	123-86-4	Butyl Acetate	150ppm	150ppm	Not Listed	25
Butyl Methacrylate	97-88-1	Butyl Methacrylate	N/E	N/E	Not Listed	15
Alcohol	64-17-5	Alcohol	1000ppm	1000ppm	Not Listed	5

N/E – None Established

N/R – Not Reviewed

ND/A – No Data Available

N/A – Not Available

Section III: Hazard Identification

EMERGENCY OVERVIEW

- Harmful if absorbed through skin.
- Combustible liquid and vapor.
- Cause severe burns to eyes, skin, lungs, and all exposed tissues.
- Heat or product contamination may cause hazardous decomposition

Potential Health Effects, Sign and Symptoms of Exposure:

Primary Route of Entry Ingestion, skin contact, inhalation.
 Eye Corrosive. May cause burns resulting in permanent damage.
 Skin Corrosive. May cause burns resulting in permanent damage. May cause skin sensitization, an allergic reaction, which becomes evident on re-exposure to this, material. This material is toxic. Harmful if absorbed through the skin.
 Ingestion Corrosive and may cause severe and permanent damage to mouth, throat, and stomach.
 Inhalation Corrosive and may cause burns resulting in permanent damage.
 Sub-Chronic effects Prolonged or repeated overexposure at near lethal concentration causes kidney and liver damage.

NOTE: Refer to Section 11, Toxicological Information for details.

Section IV: First Aid Measure

First Aid for Eye In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Obtain medical attention.
 First Aid for Skin Immediately flush skin with plenty of water. Remove contaminated clothing. Obtain medical attention if irritation develops or persists. Wash clothing before reuse.
 First Aid for Inhalation Remove to fresh air. If not breathing, give CPR, if breathing is difficult, give oxygen. Get immediate medical attention.
 First Aid for Ingestion If swallowed, do NOT induce vomiting. Have victim drink 8-10 ounces of water to dilute material in stomach. Get medical attention immediately. Never give anything by mouth to an unconscious person.

Section V: Fire fighting Measures

Flash Point (°F/°C)	Flammable Limit (Vol %)	Auto-ignition Temperature (Vol %)
149°F	N/A	ND/A

Method:

Extinguishing Media: Use water spray or fog, foam, dry chemical or Carbon Dioxide.
 Fire Fighting Instructions: As in any fire, wear self-contained positive-pressure breathing apparatus and full protective gear. Containers can build up pressure if exposed to heat (fire). Cool with water spray.
 Unusual Hazards: Combustible liquid. Vapors can travel to a source of ignition and flash back. Explosive mixtures may occur at temperatures at or above the flashpoint.

Section VI: Accident Release Measures

Spill or Release Procedure: Remove sources of ignition and ventilate area. Use a respirator and other protective equipment as outlined in Section 8. Absorb spill with inert material, then place in a chemical waste container. After

removal, flush contaminated area with water and collect for disposal. Clean up spills immediately. Obey relevant local, state, and federal laws and regulations. Do not contaminate any lakes, streams, ponds, groundwater or soil.

Section VII: Handling and Storage

Handling: Keep away from heat, sparks, flame, and other sources of ignition. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use with adequate ventilation. Ground and bond containers when transferring material. Use explosion-proof equipment. Follow all MSDS /label precautions even after the container is emptied because it may retain product residues. Wash thoroughly after handling.

Storage: Store in cool, dry place. Do not store in direct sunlight. Keep container closed when not in use. Store at ambient temperatures out of direct sunlight. Store in a well ventilated place. Store above 17 deg C to avoid solidification.

Explosion Hazard: Do not allow temperature below freezing point. Material can burn. Limit indoor storage to approved area. Avoid high temperatures and sources of ignition.

Section VIII: Exposure Controls/Personal Protective Equipment

Engineering Control Use process enclosures, local exhaust ventilation or other engineering controls to control airborne exposure. Use explosion-proof ventilation equipment.

Personal Protective Equipment

Eye/Face Protection To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29 CFR 1910.132) be conducted before using this product.

Skin Protection Personal protective equipment that provides a barrier to prevent dermal exposure to this substance is required. Wear protective rubber gloves.

Respirator Protection Wear MSHA/NIOSH approved mask & air purifying respirator.

Section XI: Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Special Gravity	Viscosity	% Volatile
Clear liquid	Pungent, irritating odor	2.0-2.2	1.015	1.4 mPa	N/A

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure	Vapor Density	Evaporati on Rate	Ignition	Solubility in Water (20°C)
161°C/15.8°C	N/A	.93	mm Hg:0.97	(Air=1):1	Slower than >1	N/A	100%
Flash Point (°F/°C)		Flammable Limit (vol%)		Auto-ignition Temperature (vol%)			
ND/A		ND/A		ND/A			

Section X: Stability and Reactivity

Stability: Stable under normal conditions.

Incompatibility (Materials to Avoid):

Free radical irritations, oxidizing agents, reducing agents, UV light.

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur under normal conditions.

Condition to Avoid: Avoid high temperatures and source of ignition. Polymerization may be initiated by contamination with peroxides, azo compounds, heavy metal ions, tertiary amines, and sulfur compounds. Polymerization is also induced by light. Atmospheric oxygen saturation of acrylic/methacrylic monomers is necessary for stability. Avoid ultraviolet light. If the product solidifies, the inhibitor separates from the methacrylic acid. Thaw slowly without using direct heat. High temperatures may cause uninhibited methacrylic acid to polymerize. The inhibitor will re-disperse once liquefied.

Section XI: Toxicological Information

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation-Skin	Irritation-Eye
Oral LD50 (rat):2200mg/kg	Dermal LD50 (rabbit): 500mg/kg	Inhalation LD50 (rabbit): 7100mg/m3 (4H)	Severe skin irritation	Permanent damage

Sensitization	Mutagenicity	Sub-chronic Toxicity
ND/A	N/E	ND/A

Section XII: Ecological Information

Acute Toxicity Fish	Acute Toxicity to Invertebrate	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
LC50: 85mg/l (96 h)	ND/A	EC50:0.59 mg/l (96h)	N/E	N/E

Chemical Fate Information

Biodegradability	N/E
Chemical Oxygen Demand	N/E

Section XIII: Disposable Concentrations

- Dispose of in compliance with State, Local, and Federal regulations.

Section XIV: Transport Information

- DOT/UN Shipping Name: UN 1760 Corrosive liquid, n.o.s. (Methacrylic Acid, Butyl Methacrylate) PG II, Class 8
- Label: Corrosive

Section XV: Regulatory Information

US Federal Regulations:

US Federal Regulations:




Clean Air act: HAP/ODS	This product contains the following Hazardous Air Pollutant (HAP's): • None
Clean Water Act: Priority Pollutant List	The following ingredients are listed as hazardous pollutants under the CWA: None
FDA: Food Packaging Status	This product has not been clear by the FDA for use in food packaging and/or other applications and indirect food packaging additive.
Occupational Safety and Health Act	This product is considered to be hazardous under the OSHA Hazard Communication Standard. It's hazards are: • Immediate (acute) health hazard • Fire hazard, sudden release of pressure
RCRA	This product contains the following chemicals considered to be hazardous waste under RCRA (40 CFR 261).Ethyl Acetate CAS # 141-78-6 RCRA Code: U112
SARA Title III: Section 302 (TPQ)	This product contains the following chemicals regulated under SARA 302: None
SARA Title III: Section 302(RQ)	This product contains the following chemicals regulated under SARA 302: None
SARA Title III: Section 311-312	This product is considered to be hazardous under OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Is hazard are: • Immediate (acute) health hazard • Fire hazard
SARA Title III: Section 313	This product contains no chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
TSCA Section 8 (b): Inventory	This product or its components are listed in or exempt from the TSCA inventory requirements.

State Regulations:

CA Right-to-Know law: CA No Significant Risk Rule:	Alcohol CAS# 64-17-5, N-butyl acetate CAS# 123-86-4, Methacrylic Acid CAS# 79-41-4, Butyl methacrylate CAS# 97-88-1
MA Right-to-Know Law:	Alcohol CAS# 64-17-5, N-butyl acetate CAS# 123-86-4, Methacrylic

	Acid CAS# 79-41-4, Butyl methacrylate CAS# 97-88-1
NJ Right-to-Know Law:	Alcohol CAS# 64-17-5, N-butyl acetate CAS# 123-86-4, Methacrylic Acid CAS# 79-41-4, Butyl methacrylate CAS# 97-88-1
PA Right-to-Know Law:	Alcohol CAS# 64-17-5, N-butyl acetate CAS# 123-86-4, Methacrylic Acid CAS# 79-41-4, Butyl methacrylate CAS# 97-88-1
FL Right-to-Know Law:	Alcohol CAS# 64-17-5, N-butyl acetate CAS# 123-86-4, Methacrylic Acid CAS# 79-41-4, Butyl methacrylate CAS# 97-88-1
MN Right-to-Know Law:	Alcohol CAS# 64-17-5, N-butyl acetate CAS# 123-86-4, Methacrylic Acid CAS# 79-41-4, Butyl methacrylate CAS# 97-88-1

International Regulations:

<p>CDSL: Canadian Inventory (on Canadian Transitional List)</p>	<ul style="list-style-type: none"> Alcohol CAS# 64-17-5 is on the DSL List. WHMIS=B2, D2A N-butyl Acetate CAS# 123-86-4 is on the list. WHMIS-B2, D1B, D2B Methacrylic Acid CAS# 79-41-4 is on the DSL list Butyl Methacrylate CAS# 97-88-1 is on the DSL list WHMIS-B2, D2A, F Butyl Acetate (204-658-1).
<p>EINECS: European Inventory:</p> <div style="display: flex; flex-wrap: wrap; justify-content: space-around;">   </div> <div style="display: flex; justify-content: center; margin-top: 20px;">  </div>	<p>Alcohol (200-578-6) • Hazard Symbol (F) Risk Phrases R10: <i>Flammable</i></p> <ul style="list-style-type: none"> Safety Phrases S9, S16, S33: <i>Keep in well-ventilated place.</i> <p>Butyl Methacrylate (202-615-1) • Hazard Symbol (F)</p> <ul style="list-style-type: none"> Risk Phrases R11: <i>Highly flammable.</i> Safety Phrases S7, S9, S16, S33: <i>Keep container tightly closed and in a well ventilated place. Keep away from sources of ignition. Take precautionary measures against static discharges.</i> <p>Methacrylic Acid (201-204-4) • Hazard symbol (Xi)</p> <ul style="list-style-type: none"> Risk Phrases R10, R36/37/38, R43: <i>Flammable. Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact.</i> Safety Phrases S9, S16, S33: <i>Keep in well-ventilated place. . Keep away from sources of ignition. Take precautionary measures against static discharges.</i> <p>Butyl Acetate (204-658-1) • Hazard symbol (C)</p> <ul style="list-style-type: none"> Risk Phrases R34: <i>Causes burns.</i> Safety Phrases S15, S26, S45: <i>Keep away from heat. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).</i>

Section XVI: Other Information

Hazard Rating System

NFPA: Health 2/ Flammability 3/ Reactivity 0

HMIS: Health 2/ Flammability 3/ Reactivity 0

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Revised Sections since Last Version	Section 2 contents and format update throughout.
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