

## MATERIAL DATA SAFETY SHEET

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards

REVISION DATE: 07/16/2025

### SECTION I - PRODUCT IDENTIFICATION

Product Name: Gelacquer LED/UV Colors Gel Polish  
Chemical Name: Gel Lacquer/Polish  
Synonyms: Gelacquer LED/UV Gel Polish - All Colors  
Trade Name: **Gelacquer LED/UV POLISH - ALL COLORS**  
Product use: Fingernails coating only  
Distributor's Name: CHRISTRIO CORP  
COMPANY Address: 6602 Doolittle Ave Riverside, CA 92503  
Information Contact: 1 951 808 4730  
24 Hr. Emergency Telephone: 001 352 323 3500  
3500 EU Address: 167a 171 Willoughby Lane; Tottenham, London N17 OSB; UK

### SECTION II - HAZARDS IDENTIFICATION

Hazard Identification: This product is classified as a HAZARDOUS SUBSTANCE and as DANGEROUS GOODS according to the classification criteria of NOHSC:1088 (2004) and ADG Code (Australia). Flammable liquid.

#### EMERGENCY OVERVIEW

This information may be based on finding related or similar materials

- May be slightly toxic.
- May cause moderate skin injury (redness & swelling).
- May cause eyes irritation.



#### Potential Health Effects, Signs, and Symptoms of Exposure:

|                        |   |
|------------------------|---|
| Primary Route of Entry | No specific information available for this product. Although, this product is opposes only slightly irritation concern with all routes of entry.  |
| Eye                    | No specific information available. Contains materials that are essentially nonirritating, but contact may cause slight transient irritation. Symptoms of overexposure may include redness, itching, irritation and watering. Mild to moderate irritation to eyes near affected areas.   |
| Skin                   | No specific information available. Contains materials may cause moderate skin injury (redness & swelling) and/or sensitization. May be irritating to skin in some sensitive individuals. Prolonged and/or repeated contact may cause redness, itching, and blister formation (burns). Since irritation may not occur immediately, contact can go unnoticed.   |
| Ingestion              | No specific information available. Contains materials that may be practically nontoxic. If product is swallowed, may cause nausea, vomiting and/or diarrhea and central nervous system depression.  |
| Inhalation             | No specific information available. Low volatility makes vapor inhalation unlikely. Vapors of this product may be slightly irritating to the nose, throat and other tissues of the respiratory system. Symptoms of overexposure can include coughing, wheezing, nasal congestion, and difficulty breathing. Inhalation of vapors exceeding the levels listed in Section 3 (Composition & Ingredient Information) can cause central nervous system depression (e.g., drowsiness, dizziness, headaches, nausea). |
| Sub-Chronic effects    | No specific information available. Limited tests showed no evidence of teratogenicity in animals. A lifetime skin painting study with mice showed no evidence of carcinogenicity.   |

Note: Refer to Section XI, Toxicological Information for details

**MATERIAL DATA SAFETY SHEET**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards

**SECTION III – COMPOSITION/INFORMSTION ON INGREDIENTS**

| Chemical Identity                      | CAS#       | EINEC#    | INCI Name                                 | Exposure OSHA TWA/STEL | LIMITS ACGIH TWA/STEL | Carcinogen | %   |
|--|------------|-----------|---|------------------------|-----------------------|------------|-----|
| Polyurethan Acrylate Oligomer          | 72869-86-4 | N/E       | Di-HEMA Trimethylhexyl Dicarbamate        | N/E                    | N/E                   | NOT LISTED | >65 |
| 2-Hydroxylyethyl Methacrylate          | 868-77-9   | 212-782-2 | HEMA                                      | N/E                    | N/E                   | NOT LISTED | >10 |
| Hydroxypropyl Methacrylate             | 27813-02-1 | 248-666-3 | Hydroxypropyl Methacrylate                | N/E                    | N/E                   | NOT LISTED | >10 |
| Hydroxycyclohexyl phenyl ketone        | 947-19-3   | 213-426-9 | Hydroxycyclohexyl phenyl ketone           | N/E                    | N/E                   | NOT LISTED | >2  |
| Isopropyl Alcohol                      | 67-63-0    | 200-661-7 | Isopropyl Alcohol                         | 400ppm                 | 400ppm                | NOT LISTED | >3  |
| n-Butyl Acetate                        | 123-86-4   | 204-658-1 | Butyl Acetate                             | 150ppm                 | 150ppm                | NOT LISTED | >2  |
| Ethyl Acetate                          | 141-78-6   | 205-500-4 | Ethyl Acetate                             | 400ppm                 | 400ppm                | NOT LISTED | >2  |
| TPO                                    | 75980-60-8 | 278-355-8 | Trimethylbenzoyl Diphenyl Phosphine Oxide | N/E                    | N/E                   | NOT LISTED | >1  |
| Polyethylene Glycol 400 Dimethacrylate | 25852-47-5 | N/E       | PEG-9 Dimeacrylate                        | N/E                    | N/E                   | NOT LISTED | >3  |

**See Section XVI for Additional Compounds**

N/E – None Established

N/DA – No Data Available

N/R – Not Review

N/A – Not Applicable

Polyurethane Acrylic Oligomer: Hazard Symbol: Xi

Risk Phrases: R36/37/38

Safety Phrases: S14, S3/7, S62

2-Hydroxypropyl Methacrylate: Hazard Symbol: Xi

Risk Phrases: R36/38, R43

Safety Phrases: S2, S26, S28

Hydroxypropyl Methacrylate: Hazard Symbol: Xi

Risk Phrases: R36/38, R43

Safety Phrases: S26, S36/S37

Polyethylene Glycol 400Dimethacrylate:

Risk Phrases: R36/37/38

Safety Phrases: S26, S36/37

Isopropyl Alcohol: Hazard Symbol: F, Xi

Risk Phrases: R11, R66, R67

Safety Phrases: S2, S7, S16, S24/25, S26

n-Butyl Acetate: Hazard Symbol: N/E

Risk Phrases: R10, R66, R67

Safety Phrases: S2, S 25

Ethyl Acetate: Hazard Symbol: F, Xi

Risk Phrases: R11, R36, R66, R67

Safety Phrases: S2, S16, S26, S33

TPO:

Hazard Symbol:

Risk Phrases: R99

Safety Phrases:

**SECTION IV – FIRST AID MEASURES**

**First Aid for Eyes**

Splash is not likely. In case product get to the eyes. Flush with plenty amount of lukewarm water for 15 minutes and retract eyelid(s) often. If irritation occurs, seek medical attention immediately.

**First Aid for Skin**

If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. Do not wear contaminated clothing until after it has been properly cleaned. If irritation, redness or swelling persists, seek medical attention immediately.

**First Aid for Inhalation**

In case of exposure to the high concentrate of vapor or mist. Remove victim to fresh air at once. Under extreme conditions, if breathing stops, perform artificial respiration. Seek medical attention immediately.

**First Aid for Ingestion**

In case of swallowed. DO NOT INDUCE VOMITING. Contact Infotrac at +1 (352) 323-3500 or the nearest Poison Control Center or local emergency telephone number for assistance and instructions. Seek medical attention immediately. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.

**SECTION V – FIRE FIGHTING MEASURES**

| Flash Point (°F/°C) | Flammable Limit (vol %) | Auto-Ignition Temperature (vol %) |
|---------------------|-------------------------|-----------------------------------|
| >120°F/49°C         | N/D                     | N/D                               |

**MATERIAL DATA SAFETY SHEET**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards

**SECTION V – FIRE FIGHTING MEASURES (continued)**

**Method:**

**Extinguish Media** Use carbon dioxide or dry chemical for small area. Aqueous foam or water for large fires.

**Fire Fighting Instructions:** When involved in a fire, this product will ignite readily and decompose to produce carbon oxides. First responders should wear eye protection. Structural firefighters must wear SCBAs and full protective equipment when entering confined areas where potential exposure to vapors or products of combustion exists. Remove all ignition sources. Use a water spray or fog to reduce or direct vapors. Water may not be effective in actually extinguishing a fire involving this product. HAZCHEM CODE: 3[Y]E



**Unusual Hazards:** High temperatures and fire condition may cause rapid and uncontrolled polymerization, which can result in explosions and the violent rupture of storage vessels or containers. Avoid the use of stream of water to control fires since frothing can occur.

**SECTION VI- ACIDENTAL RELEASE MEASURES**

**Spill or Release Procedures** Spontaneous of polymerization can occur. Eliminate ignition sources. Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows). Place leaking containers in well ventilated area. Dike and remove spilled material with absorbent material (vermiculite, clay, cloth, or sand) and place into appropriate closed container(s) for disposal. Dispose it properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with isopropyl alcohol and strong detergent with warm water. Minimize the water and DO NOT flush to sewer. Remove any contaminated clothing and wash thoroughly before reuse. For large spills ≥ 1 gallon (3.785 liters), avoid entry to all unprotected individuals. Dike and contain spill with inert solid material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. US Regulations (CERCLA) require reporting spill and release to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard Nation Response Center is (800) 424-8802. EU Regulations require the consultation of Directive 98/24/EC. Dispose and report per regulatory requirements if necessary. Please prevent washing from entering of waterways.

**SECTION VII – HANDLING AND STORAGE**

**Handling** Keep container closed tightly when not in use. Open containers slowly on a stable surface. Avoid contact with skin and eyes. Avoid breathing vapor. Avoid prolonged contact with the product. Use in a well-ventilated location. Do not eat, drink or smoke while handling product. Remove all contaminated clothing, shoes, belts, and others goods immediately. Incinerate leather goods (including shoes). Wash contaminated clothing thoroughly prior to reuse. Cleanse skin slightly with low percentage of isopropyl alcohol, then; wash skin thoroughly with soap, and water afterward. Strong solvents should not be used to clean skin. It'll increased penetration potential. Empty container may contain residual and should be handled with care.

**Storage** This product is extremely light sensitive. Exposed to natural light or UV light can cause this material to cure quickly. Avoid prolonged exposure to light and away from heat, sparks and open flame. Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Store away from incompatible materials (see Section 10). Store at temperatures above 32°F/0°C at all time.

**Explosion Hazards** High temperatures and fire conditions may cause rapid and uncontrolled polymerization, which can result in explosions and the violent rupture of storage bottles.

**MATERIAL DATA SAFETY SHEET**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards

**SECTION VIII- EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Controls** Handling large quantities of product. Local exhausted recommended. Ensure the eyewash station, sink or washbasin is available in case of emergency.

**Personal Protective Equipment**

**General** None required under typical circumstances of use on small quantities. No apron required for handling small quantities. May cause skin irritation in some sensitive individuals. When handling larger quantities ( $\geq 1$  gallon/3.785 liters). Additional Personal Protective Equipment (PPE) requirements, it's 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, sink or washbasin in case of emergency. Wear impervious clothing or body suit to prevent any contact with this product, such as nitrile rubber gloves, apron, boots, and safety glasses with side shields or chemical splash goggles. Wash any exposed areas thoroughly with soap and water upon completion of works.

**Eye/Face Protection** None required under typical circumstances of use on small quantities. Avoid eye contact. Wear chemical splash goggles when handling large quantities ( $\geq 1$  gallon/3.785 liters).

**Skin Protection** None required under typical circumstances of use on small quantities. Avoid skin contact.

**Respiration Protection** No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR 1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia or European Standard

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

| Appearance                               | Odor & Odor Theshold         | pH  | Specific Gravity | Viscosity | % Volatile      |
|--|------------------------------|-----|------------------|-----------|-----------------|
| Clear to slightly violet, viscous liquid | Characteristic acrylate odor | N/A | (H2O=1) : 1.15   | N/DA      | By Volume:<0.05 |

| Boiling Point/Freezing Point | Decomposition Temperature | Octanol/Water Partitioning Coefficient | Vapor Pressure       | Vapor Density | Evaporation Rate | Ignition | Solution In Water |
|------------------------------|---------------------------|--|----------------------|---------------|------------------|----------|-------------------|
| N/A                          | N/A                       | N/A                                    | (mm Hg) @ 20 C:<0.01 | N/D           | N/D              | N/D      | Insoluble         |

| Flash point (°F/°C) | Flammable Limit (Vol %) | Auto-ignition Temperature (Vol %) |
|---------------------|-------------------------|-----------------------------------|
| >120 °F/49°C        | N/D                     | N/D                               |

**SECTION X - STABILITY AND REACTIVITY**

|  |   |
|--|---|
| <b>Stability:</b><br>Stable under normal ambient condition when stored properly.   | <b>Incompatibility (Materials to Avoid):</b><br>Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust, and strong bases.                                  |
| <b>Hazardous Decomposition Products:</b><br>Fumes produced when exposed to extreme high temperatures or heated to decomposition may include: Irritating Vapors, Carbon Monoxide, Carbon Dioxide. | <b>Hazardous Polymerization:</b><br>May occur. Uncontrolled polymerization may cause rapid evolution of heat and increased pressure that could result in violent rupture of sealed storage bottles, containers, or vessels. |

**MATERIAL DATA SAFETY SHEET**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards

**SECTION X - STABILITY AND REACTIVITY (continued)**

**Conditions to Avoid:**

Storage > 100°F/38°C, exposure to light, loss of dissolved air, loss of polymerization inhibitors, contamination with incompatible materials.

**SECTION XI - TOXICOLOGICAL INFORMATION**

| Acute Oral Toxicity | Acute Dermal Toxicity | Acute Inhalation Toxicity | Irritation - Skin | Irritation -Eye |
|---------------------|-----------------------|---------------------------|-------------------|-----------------|
| N/DA                | N/DA                  | N/DA                      | N/DA              | N/DA            |

Since this product contains very low concentration of active components, the primary toxicological information is derived from the oligomers. Further hazardous properties cannot be excluded. The product should be handled with care when dealing with chemicals.

| Sensitization | Mutagenicity | Sub-chronic Toxicity |
|---------------|--------------|----------------------|
| N/DA          | N/DA         | N/DA                 |

**SECTION XII - Ecological Information**

**Ecotoxicological Information**

| Acute Toxicity To Fish | Acute Toxicity To Invertebrates | Acute Toxicity To Algae | Bioconcentration | Toxicity to Sewage Bacterials |
|------------------------|---------------------------------|-------------------------|------------------|-------------------------------|
| N/DA                   | N/DA                            | N/DA                    | N/DA             | N/DA                          |

**Chemical Fate Information**

|                               |      |
|-------------------------------|------|
| <b>Biodegradability</b>       | N/DA |
| <b>Chemical Oxygen Demand</b> | N/DA |

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been investigated. DO NOT allow to enter drinking water supplies, wastewater, or soil.

**SECTION XIII- DISPOSAL CONSIDERATIONS**

Non-contaminated, properly inhibited product is not a RCRA hazardous waste. It is the generator's responsibility to determine what is classified as a hazardous waste. Comply with all Federal, State, and local regulations. Disposal of diking materials and absorbent in compliance with State, Local, and Federal regulations. When large amount of product use. Residue vapors may explode on ignition; DO NOT cut, drill, or well on or near the container. Mix with compatible chemical which is less flammable and incinerate.

**SECTION XIII - TRANSPORT INFORMATION**

|   |   |
|---|---|
| <b>DOT (49 CFR 172) (GND)</b>               | Consumer Commodity, ORM-D (≤5.0L)   |
| Proper Shipping Name                        | UN1993, Flammable Liquids, n.o.s., (Isopropyl Alcohol, n-Butyl Acetate), 3, PGIII |
| Identification                              | UN1993  |
| Marine Pollutant                            | No  |
| Special Provisions                          | T8, T31   |
| <b>Emergency Response Guidebook (ERG) #</b> | 128   |
| <b>IATA (DGR) (AIR)</b>                     | Consumer Commodity 9, ID8000 (≤1.0L)  |
| Proper Shipping Name                        | UN1993, Flammable Liquids, n.o.s., (Isopropyl Alcohol, n-Butyl Acetate), 3, PGIII |
| Class or Division                           | 3   |
| UN or ID Number                             | UN1993  |
| Packing Instructions                        | Paint   |

**MATERIAL DATA SAFETY SHEET**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards

**SECTION XIII – TRANSPORT INFORMATION (continued)**

|  |   |
|--|---|
| <b>Emergency Response Guidance (ICAO)#</b> |   |
| <b>IMO (IMDG)</b>                          |   |
| Proper Shipping Name                       | UN1993, Flammable Liquids, n.o.s., (Isopropyl Alcohol, n-Butyl Acetate), 3, PGIII |
| Class or Division                          | 3.2   |
| UN or ID Number                            | UN1993  |
| Special Provisions & Stowage/Segregation   | None  |
| <b>Emergency Schedule (EmS)#</b>           |   |
| <b>Other Information</b>                   | <b>Flash Point &gt; 49°C</b>  |

**SECTION XV – REGULATORY INFORMATION**

**US Federal Regulations**

|                                     |  |
|-------------------------------------|--|
| Clean Air Act: HAP/ODS              | This product contains the following hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act:<br><ul style="list-style-type: none"> <li>• None</li> </ul> This product contains no ODS's   |
| Clean Water Act: Priority Pollutant | This product contains the following chemical listed under the U.S. Clean Water Act Priority Pollutant List.<br><ul style="list-style-type: none"> <li>• Butyl Acetate, CAS#123-86-4</li> </ul>   |
| FDA: Food Packing Status            | This product has not been cleared by the FDA for use in food packaging and/or other application as an indirect food additive.  |
| Occupational Safety and Health Act  | This product is considered to be a hazardous chemical under the OSHA Hazard Communication Standard. Its hazards are:<br><ul style="list-style-type: none"> <li>• Immediate (acute) health hazard</li> <li>• Delayed (chronic) health hazard</li> <li>• Reactive hazard</li> </ul>                                |
| RCRA                                | This product contains chemicals considered to be a hazardous waste under RCRA (40 CFR 261).<br><ul style="list-style-type: none"> <li>• Ethyl Acetate, CAS#141-78-6, RCRA Code U112</li> </ul>   |
| SARA Title III: Section 302 (TPQ)   | This product contains the following chemicals regulated under Sec. 302 as extremely hazardous substances that carry a TPQ.<br><ul style="list-style-type: none"> <li>• Ethyl Acetate, CAS#141-78-6, RQ (lbs.): 5000</li> <li>• Butyl Acetate, CAS#123-86-4, RQ (lbs.): 5000</li> </ul>                           |
| SARA Title III: Section 302 (RQ)    | This product contains no chemicals regulated under Section 304 as extremely dangerous chemical for emergency release notification ("CERCLA" List).   |
| SARA Title III: Section 311-312     | This product is considered hazardous under OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Its hazards are:<br><ul style="list-style-type: none"> <li>• Immediate (acute) health hazard</li> <li>• Delayed (chronic) health hazard</li> <li>• Reactive hazard</li> </ul> |
| SARA Title III: Section 313         | This product contains the following chemicals which are 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.<br><ul style="list-style-type: none"> <li>• Isopropyl Alcohol, CAS# 67-63-0</li> </ul>                |
| TSCA Section 8(b): Inventory:       | This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.   |
| TSCA Significant New Use Rule       | None of the chemicals listed have a SNUR under TSCA.   |

**MATERIAL DATA SAFETY SHEET**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards

**SECTION XV – REGULATORY INFORMATION (continued)**

**State Regulation**

|   |   |
|---|---|
| CA Right-to-Know Law<br>California No Significant risk Rule | Ethyl Acetate CAS#141-78-6, Isopropyl Alcohol CAS#67-63-0, Butyl Acetate CAS#123-86-4 |
| MA Right-to-Know Law  | Ethyl Acetate CAS#141-78-6, Isopropyl Alcohol CAS#67-63-0, Butyl Acetate CAS#123-86-4 |
| NJ Right-to-Know  | Ethyl Acetate CAS#141-78-6, Isopropyl Alcohol CAS#67-63-0, Butyl Acetate CAS#123-86-4 |
| PA Right-to-Know Law  | Ethyl Acetate CAS#141-78-6, Isopropyl Alcohol CAS#67-63-0, Butyl Acetate CAS#123-86-4 |
| FL Right-to-Know Law  | Ethyl Acetate CAS#141-78-6, Isopropyl Alcohol CAS#67-63-0, Butyl Acetate CAS#123-86-4 |
| MN Right-to-Know Law  | Ethyl Acetate CAS#141-78-6, Isopropyl Alcohol CAS#67-63-0, Butyl Acetate CAS#123-86-4 |

**International Regulations**

|   |   |
|---|---|
| CDSL: Canadian Inventory<br>(on Canadian Transitional List) | Hydroxypropyl Methacrylate CAS# 27813-02-1 is on the DSL List. WHMIS = D2B<br>Hydroxycyclohexyl Phenyl Ketone CAS# 947-19-3 is on the List. WHMIS = N/DA<br>2-Hydroxyethyl Methacrylate CAS# 868-77-9 is on the List. WHMIS = N/DA<br>Ethyl Acetate CAS#141-78-6 is on the DSL list. WHMIS = N/DA<br>Isopropyl Alcohol CAS#67-63-0 is on the DSL list. WHMIS = B2, D2B<br>Butyl Acetate CAS#123-86-4 is on the B2, D1B, D2B |
|---|---|

**Labeling according to directive – 1999/4/EC**

|   |   |  |
|---|---|--|
| European Community:<br><br>Xi Irritant |  | <b>Gel Lacquer/Polish – BASE/TOP Gel</b> <ul style="list-style-type: none"> <li>HAZARD SYMBOLS: <b>Xi</b>: Irritant F - Flammable</li> <li>RISK PHRASE: <b>R22</b>: Harmful if swallowed, <b>R36/38</b>: Irritating to eyes and skin <b>R43</b>: May cause sensitization by skin contact.</li> <li>SAFETY PHRASE: <b>S18</b>: handle and open container with care, <b>S24/25</b>: Avoid contact with skin and eyes, <b>S36/37</b>: Wear suitable clothing and gloves, <b>S38</b>: In case of insufficient ventilation, wear suitable respiratory equipment.</li> </ul> |
|---|---|--|

**SECTION XVI – OTHER INFORMATION**

**EU Class and Risk/Safety Phrases for Referenced Ingredients (See Section 2):**

|   |
|---|
| <p><b>Hazard Symbol:</b><br/>Xi – Irritants                      F - Flammable</p> <p><b>Risk Phrases:</b><br/>R10 – Flammable; R11 – Highly Flammable; R36 - Irritating to eyes; R43 - May cause sensitization by skin contact; R66 – Repeated Exposure may cause skin dryness and cracking; R67 – Vapors may cause drowsiness and dizziness; R36/37/38 – Irritating to eyes, respiratory system and skin; R36/38 – Irritating to eyes and skin.</p> <p><b>Safety Phrases:</b><br/>S2-Keep out of reach of children; S3/7-Keep container tightly closed in a cool place; S7-Keep container tightly closed; S16-Keep away from sources of ignition-No smoking; S24/25-Avoid contact with skin and eyes; S26-In case of contact with eyes, rinse immediately with plenty lukewarm water and seek medical advise; S27-Take off immediately all contaminated clothing; S28- After contact with skin, wash immediately with plenty; S29-Do not empty into drains; S30- Never add water to this product; S33-Take precaution measures against static discharges; S35-This material and its container must be disposed of in a safe way; S36- Wear suitable protective clothing; S36/37-Wear suitable protective clothing and gloves; S62 If swallowed, DO NOT induce vomiting; seek medical advice immediately and show this container or label.</p> |
|---|

**MATERIAL DATA SAFETY SHEET**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards

**SECTION XVI - OTHER INFORMATION (continued)**

**Hazard Rating system (Pictograms)**

**NFPA:**

**HMIS:**

Health ← Flammability ← Reactivity

**MAY CONTAIN THE FOLLOWING CHEMICAL:**

| Chemical Identity                 | CAS Number | EINECS#   | INCI Name                   | Exposure OSHA TWA/STEL | Limits ACGIH TWA/STEL   | Carcinogen IARC/NTP/OSHA                     | %  |
|-----------------------------------|------------|-----------|-----------------------------|------------------------|---|--|----|
| Titanium Dioxide                  | 13463-67-7 | 236-675-5 | Titanium Dioxide/CI77891    | 15mg/m3                | 10mg/m3   | 3/no/no                                      | >2 |
| Yellow Iron oxide                 | 51274-00-1 | 257-098-5 | Iron Oxides/CI77492         | N/E                    | N/E   | Not Listed                                   | >2 |
| Red Iron Oxide                    | 1309-37-1  | 215-168-2 | Iron Oxide/CI775850         | N/E                    | N/E   | Not Listed                                   | >2 |
| D & C Red 7                       | 5281-04-9  | 226-109-5 | Red 7/CI15850               | N/E                    | N/E   | Not Listed                                   | >2 |
| Synthetic Red Iron Oxide (Maroon) | 1309-37-1  | N/E       | Iron Oxides/CI77491         | N/E                    | N/E   | Not Listed                                   | >2 |
| D&C Orange No. 4                  | 633-96-5   | 211-199-0 | Orange 4/CI15510            | N/E                    | N/E   | Not Listed                                   | >2 |
| D&C Violet# 2                     | 81-48-1    | 201-353-5 | Violet 2/CI60725            | N/E                    | N/E   | Not Listed                                   | >2 |
| Mica                              | 12001-26-2 | 310-127-6 | Mica                        | N/E                    | 3mg/m3  | Not Listed                                   | >2 |
| FD&C Yellow #5                    | 1934-21-0  | 217-699-5 | Yellow 5/CI19140            | N/DA                   | N/DA  | N/DA   | >2 |
| D&C Red #6                        | 5858-81-1  | 227-497-9 | Red 6/CI15850               | N/DA                   | N/DA  | N/DA   | >2 |
| D&C Red #34                       | 6417-83-0  | 229-142-3 | Red 34/CI15880              | N/DA                   | N/DA  | N/DA   | >2 |
| Cosmetic Iron Blue                | 14038-43-8 | 237-875-5 | Ferric Ferrocyanide/CI77510 | N/DA                   | N/DA  | N/DA   | >2 |
| D&C Yellow #10                    | 8004-92-0  | N/DA      | Yellow 10 /CI47005/E104     | N/DA                   | N/DA  | N/DA   | >2 |
| Ultra Marine                      | 57445-37-5 | N/DA      | Ultramarines/CI7707         | N/DA                   | N/DA  | N/DA   | >2 |
| Manganese Violet                  | 10101-66-3 | 233-257-4 | Manganese Violet/ CI77742   | D/NA                   | D/NA  | N/DA   | >2 |
| FD&C BLUE 1                       | 3844-45-9  | 223-339-8 | Blue 1/CI42090              | N/E                    | N/E   | Not Listed                                   | >2 |
| D&C Black 2                       | 1333-86-4  | 215-609-9 | Carbon Black/CI77266        | 3.5mg/m3               | 0.1 PAH's/m3<br>Carbon Black<br>In presence of polycyclic aromatic hydrocarbon (PAHs) | Groups 2B/A-4/<br>Possible select Carcinogen | >2 |
| Tin Oxide                         | 8282-10-5  | 242-159-0 | Tin Oxide                   | N/E                    | N/E   | Not Listed                                   | >2 |
| Copper                            | 7440-50-8  | 231-159-6 | Copper Powder/CI77400       | N/DA                   | N/DA  | N/DA   | >2 |
| Aluminum Hydroxide                | 21645-51-2 | 244-492-7 | Aluminum Hydroxide          | N/DA                   | N/DA  | N/DA   | >2 |
| Fluorophlogopite                  | 12003-38-2 | 234-426-5 | Synthetic Fluorophlogopite  | N/DA                   | N/DA  | N/DA   | >2 |

**MATERIAL DATA SAFETY SHEET**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards

**SECTION XVI - OTHER INFORMATION (continued)**

May contains the following chemicals (continue):

| Chemical Identity   | CAS Number | EINECS#   | INCI Name                    | Exposure OSHA TWA/STEL   | Limits ACGIH TWA/STEL              | Carcinogen IARC/NTP/OSHA | %  |
|---------------------|------------|-----------|------------------------------|--|------------------------------------|--------------------------|----|
| Iron Oxide Black    | 1317-61-9  | 215-277-5 | Iron Oxide/CI77499           | N/E  | N/E                                | Not Listed               | >2 |
| Carmine             | 1390-5-4   | 215-724-4 | Carmine/CI75470              | N/DA   | N/DA                               | N/DA                     | >2 |
| Aluminum Powder     | 7429-90-5  | 231-072-3 | Aluminum Powder /CI77000     | 15mg/m3 (TWA) total dust and 5mg/m3 (TWA) Respirable fraction for Aluminum metal as A1 | 10mg/m3 (TWA) Aluminum metal dusts | N/DA                     | >2 |
| D&C Red 27          | 13473-26-2 | 236-747-6 | Red 27/CI45410               | N/E  | N/E                                | Not Listed               | >2 |
| Bismuth Oxychloride | 7787-59-9  | 232-122-7 | Bismuth Oxychloride /CI77163 | N/DA   | N/DA                               | N/DA                     | >2 |

N/E - Not Establish    N/R - No Review    N/DA - No Data Available    N/A - Not Applicable  
 OSHA PEL for nuisance dust 15mg/m3 (total dust) 5mg/m3 (Respirable dust)  
 ACGIH PEL for nuisance dust 10mg/m3

|                    |                              |
|--------------------|------------------------------|
| Prepared By:       | CHRISTRIO                    |
| Update Composition | July 16 <sup>th</sup> , 2025 |

The information presented herein was obtained from sources considered to be reliable. 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 expenses arising out of any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared expressly for this product. Use the materials only as directed. If the product is used as a component of another product, the information contained with this MSDS may not applicable. If there are any problems or concerns understanding this MSDS form, please direct all questions to INFOTRAC, Chemical Emergency Resources System at 1 (800) 535-5053. CHRISTRIO products are provided on an as is basic without warranties of any kind either expressed or implied. It is the sole responsibility of the user to examine and determine appropriate application and regulatory requirements associated with said CHRISTRIO products.