

MSDS revision Date: 01/01/2017

## 1. PRODUCT IDENTIFICATION

1.1	<b>Product Name:</b> Chroma Gel 1 Step Col: 53-76
1.2	<b>Chemical Name:</b> UV/LED GEL
1.3	<b>Product Classification:</b> UV/LED curing acrylic resin adhesive
1.4	<b>Product Use:</b> Use directly on natural nails
1.5	<b>Company's Name:</b> Beauty Hair Products Ltd
1.6	<b>Company's Address:</b> 34 Lumina Way, Enfield, London, EN1 1FS, UK
1.7	<b>Business Phone:</b> +44 208 365 1300

## 2. HAZARD IDENTIFICATION

2.1	<b>Hazard Identification:</b> HARMFUL IF SWALLOWED, ABSORBED THROUGH SKIN OR INHALED. DO NOT SPRAY. DO NOT HEAT. MAY CAUSE ALLERGIC SKIN REACTION. CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION
2.2	<b>Effects of Exposure:</b> INGESTION: If product is swallowed, may cause nausea, vomiting and/or diarrhea and central nerve system depression. SKIN&EYES: Contact skin will cause irritation.Contact with eyes will cause irritation INHALATION:

## 3. COMPOSITION&INGREDIENT INFORMATION

CHEMICAL INCI NAME	CAS NO.	PERCENTAGE %
POLYACRYLIC ACID	9003-01-4	70%-80%
HEMA	868-77-9	20%-25%
TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE	75980-60-8	1%-5%
HYDROXYCYCLOHEXYL PHENYL KETONE	947-19-3	1%-3%

**4.FIRST AID MEASURES**

4.1 **First Aid:**  
**INGESTION:**Do not induce vomiting. Keep individual calm. Get medical attention immediately.  
**EYES:**Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.  
**SKIN:**Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing,and shoes. Wash clothing before reuse. Get immediate medical attention if symptoms occur.  
**INHALATION:**Remove to fresh air. If symptoms develop and persist, get medical attention.

**5. FIREFIGHTING MEASURES**

5.1 **Flash Point:**105°C

5.2 **Auto Ignition Temperature:**NA

5.3 **Flammable/Explosive limits-lower:**NA

5.4 **Flammable/Explosive limits-upper:**NA

5.6 **Fire Extinguishing Methods:**  
Foam, dry chemical or carbon dioxide

5.7

5.8 **Unusual fire or explosion;**  
Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers.

5.9 **Hazardous combustion products**  
Oxides of carbon. Oxides of nitrogen. Irritating organic vapors. Toxic fumes.

**6. ACCIDENTAL RELEASE MEASURES**

6.1 **Environmental precautions:**  
Remove sources of ignition. Prevent product from entering drains or open waters.

6.2 **Clean-up methods:**  
Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

**7. HANDLING & STORAGE INFORMATION**

7.1 **Handling:**  
Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. DO NOT heat or spray. Use only with adequate ventilation. Refer to Section 8. Use only in area provided with appropriate exhaust ventilation.

7.2	<p><b>Storage:</b> For safe storage, store at 8-28°C . Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.</p>
7.3	<p><b>Incompatible products:</b> Refer to Section 10.</p>
7.4	<p><b>Quality guarantee period:</b> 12 months</p>

## 8.EXPOSURE CONTROLS & PERSONAL PROTECTIONM

8.1	<p><b>Ventilation &amp; Engineering Controls:</b> Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.</p>
8.2	<p><b>Respiratory Protection:</b> Use COSHA approved respirator if there is potential to exceed exposure limit(s). If this material is handled at elevated temperatures or under mist forming conditions, without engineering controls, a COSHA approved respirator must be used.</p>
8.3	<p><b>Skin Protection:</b> Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves.</p>
8.4	<p><b>Eye Protection:</b> Safety goggles or safety glasses with side shields. In a splash hazard environment, chemical goggles should be used in combination with a full face shield.</p>

## 9.PHYSICAL & CHEMICAL PREOPERTIES

9.1	<b>Appearance &amp; Color:</b>	Yellowish viscous liquid
9.2	<b>Odor</b>	Resin smell
9.3	<b>Vapor pressure</b>	Not available
9.4	<b>PH</b>	7.0
9.5	<b>Boiling point/range</b>	Greater than 93°C (200°F)
9.6	<b>Melting point/range</b>	Not available
9.7	<b>Specific gravity</b>	1.08
9.8	<b>Viscosity</b>	1300-1700mPa. s @25°C
9.9	<b>Vapor density</b>	Not available
9.10	<b>Evaporation rate</b>	Not available
9.11	<b>Solubility in water</b>	Slight
9.12	<b>Evaporation rate</b>	Not available
9.13	<b>VOC content</b>	Total volatiles 0.80 %
9.14	<b>Partition coefficient (n-octanol/water)</b>	Not available

**10. STABILITY & REACTIVITY**

10.1	<b>Stability:</b> Stable under normal conditions of storage and use.
10.2	<b>Hazardous polymerization:</b> May occur.
10.3	<b>Hazardous decomposition products:</b> Oxides of carbon. Oxides of nitrogen. Dimethylamine. Irritating organic vapors.
10.4	<b>Incompatibility:</b> Strong acids. Strong oxidizing agents. Bases.
10.5	<b>Conditions to avoid:</b> Heat, flames, sparks and other sources of ignition. Do not heat above 26°C(80°C).

**11. TOXICOLOGICAL INFORMATION**

11.1	This product is free solvent, carcinogenic material. The general damage is contact stimulation; excessive or repeated contact may stimulate skin; at the first beginning and long time short distance contact may stimulate eyes. The main irritant is acrylic esters. This product is a low toxicity, LD50>3000mg/kg
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**12. ECOLOGICAL INFORMATION**

12.1	<b>Ecological information:</b> Avoid directly into the pool of water or sewer before curing. It is typical polymer after curing, which is no direct damage to environment.
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**13. DISPOSAL CONSIDERATIONS**

13.1	<b>Recommended method of disposal:</b> Dispose of according to P.R.C, province and local governmental regulations.
13.2	<b>ECE hazardous waste number:</b> Not a RCRA hazardous waste

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## 14. TRANSPORTATION INFORMATION

**The shipping classifications in this section are for non-bulk packaging only (unless otherwise specified).  
 Shipping classification may be different for bulk packaging. P.R.C Department of Transportation Ground :**

14.1	<b>Proper shipping name:</b> Unrestricted
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14.2	<b>Hazard class or division:</b> None
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14.3	<b>Identification number:</b> None
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14.4	<b>Packing group:</b> None
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14.5	<b>International Air Transportation (ICAO/IATA):</b>
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14.6	<b>Proper shipping name:</b> Unrestricted
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14.7	<b>Hazard class or division:</b> None
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14.8	<b>Identification number:</b> None
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## 15. REGULATORY INFORMATION

15.1	<b>P.R.C Regulatory Information</b> All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
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## 16 OTHER INFORMATION

**DISCLAIMER:** The data contained herein are furnished for information only and are believed to be reliable. However, Beauty Hair Products Ltd does not assume responsibility for any results obtained by persons over whose methods Beauty Hair Products Ltd has no control. It is the user's responsibility to determine the suitability of Beauty Hair's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of Beauty Hair Products Ltd's products. In light of the foregoing, Beauty Hair Products Ltd specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Beauty Hair Products Ltd's products. Beauty Hair Products Ltd further disclaims any liability for consequential or incidental damages of any kind, including lost profits.