Guangzhou Cretech Chemistry Co.,Ltd **Material Safety Data Sheet**

1. Chemical product and company identification

Product name: gel polish color	Manufacturer : Guangzhou Cretech Chemistry Co.,Ltd
Product No:CT-01A	Address: No.5 Daliang Industry area, Baiyun District, Guangzhou, China
Product type: Ultraviolet Gel	Mobile: +86-18620809709
Product Use: Nail Gel	Email: ctgel01@gzcretech.com

2. Ingredients

Chemical Components	CAS NO	INCI NO	Concentration WT%
Acrylates Copolymer	25035-69-2	Acrylates Copolymer	25-50
Trimethylolpropane Triacrylate	15625-89-5	Trimethylolpropane Triacrylate	15-35
Ethyl Acetate	141-78-6	Ethyl Acetate	1-5
Dimethicone	9016-00-6	Dimethicone	1-5
Isopropyl Titanium Triisostearate	61417-49-0	Isopropyl Titanium Triisostearate	1-5
Microcrystalline Wax	63231-60-7	Microcrystalline Wax	1-5
Mica	12001-26-2	Mica	0-4
Ultramarines	12769-96-9	CI 77007	0-4
D&C Red # 6	5858-81-1	CI 15850	0-4
Iron Oxide	12227-89-3	CI 77499	0-4
Blue 1	3844-45-9	CI 42090	0-4
Ferric Ferrocyanide	14038-43-8	CI 77510	0-4
Yellow 5 Aluminum Lake	12225-21-7	CI 19140	0-4
Violet 2	81-48-1	CI 60725	0-4
Bismuth Oxychloride	7787-59-9	CI 77163	0-4
D & C Red no. 30	2379-74-0	CI 73360	0-4
D & C Red no. 34	6417-83-0	CI 15880	0-4
BLACK 2	1333-86-4	CI 77266	0-4

D & C Yellow no. 11	8003-22-3	CI 47000	0-4
Aluminum Powder	7429-90-5	CI 77000	0-4
Iron Oxide	1345-25-1	CI 77491	0-4

3.Hazards identification

Emergency Overview

Physical state: Liquid

Color: transparent

Odor: light

Personal Protection: See Section 8

HEALTH: 1*

FLAMMABILITY: 2

PHYSICAL HAZARD: 1

WARNING: 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

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Skin contact: Contact skin will cause irritation.

Eye contact: Contact with eyes will cause irritation.

4. First aid measures

Inhalation: Remove to fresh air. If symptoms develop and persist, get medical attention.

Skin contact: 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.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Ingestion: Do not induce vomiting. Keep individual calm. Get medical attention immediately

5. Fire-fighting measures

Flash point:105°C

Autoignition temperature: Not available

Flammable/Explosive limits-lower %: Not available

Flammable/Explosive limits-upper %: Not available

Extinguishing media: Foam, dry chemical or carbon dioxide.

Special fire fighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual fire or explosion hazards: Uncontrolled polymerization may occur at high temperatures resulting in explosions or

rupture of storage containers.

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

6. Accidental release measures

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

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 and storage

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.

Storage: For safe storage, store at or below 26°C (80°F). Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

Incompatible products: Refer to Section 10.

8. Exposure controls/personal protection

Engineering controls: Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

Respiratory protection: 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.

Skin protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves.

Eye/face protection: 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.

9. Physical and chemical properties

Physical state: Liquid

Color: transparent

Odor: light

Vapor pressure: Not available

pH: Not applicable

Boiling point/range: Greater than 93°C (200°F)

Melting point/range: Not available

Specific gravity: 1.10

Vapor density: Not available

Evaporation rate: Not available

Solubility in water: Slight

Partition coefficient (n-octanol/water): Not available

VOC content: Total volatiles 0.80 %

10.Stability and reactivity

Stability: Stable under normal conditions of storage and use.

Hazardous polymerization: May occur.

Hazardous decomposition products: Oxides of carbon. Oxides of nitrogen. Dimethylamine. Irritating organic vapors.

Incompatability: Strong acids. Strong oxidizing agents. Bases.

Conditions to avoid: Heat, flames, sparks and other sources of ignition. Do not heat above 26°C(80°C).

11.Toxicological information

Carcinogen Status

Hazardous components	**NTP Carcinogen**	**IARC Carcinogen**	COSHA **Carcinogen**
Acrylates Copolymer	NO	NO	NO
Trimethylolpropane Triacrylate	NO	NO	NO
Ethyl Acetate	NO	NO	NO
Dimethicone	NO	NO	NO
Isopropyl Titanium Triisostearate	NO	NO	NO
Microcrystalline Wax	NO	NO	NO
Mica	NO	NO	NO
Ultramarines	NO	NO	NO
D&C Red # 6	NO	NO	NO
Iron Oxide	NO	NO	NO
Blue 1	NO	NO	NO
Ferric Ferrocyanide	NO	NO	NO
Yellow 5 Aluminum Lake	NO	NO	NO
Violet 2	NO	NO	NO
Bismuth Oxychloride	NO	NO	NO
D & C Red no. 30	NO	NO	NO
D & C Red no. 34	NO	NO	NO
BLACK 2	NO	NO	NO
D & C Yellow no. 11	NO	NO	NO
Aluminum Powder	NO	NO	NO

Iron Oxide	NO	NO	NO

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Acrylates Copolymer	No Records
Trimethylolpropane Triacrylate	No Records
Ethyl Acetate	No Records
Dimethicone	No Records
Isopropyl Titanium Triisostearate	No Records
Microcrystalline Wax	No Records
Mica	No Records
Ultramarines	No Records
D&C Red # 6	No Records
Iron Oxide	No Records
Blue 1	No Records
Ferric Ferrocyanide	No Records
Yellow 5 Aluminum Lake	No Records
Violet 2	No Records
Bismuth Oxychloride	No Records
D & C Red no. 30	No Records
D & C Red no. 34	No Records
BLACK 2	No Records
D & C Yellow no. 11	No Records
Aluminum Powder	No Records
Iron Oxide	No Records

12.Ecological information

Ecological information: Not available

13.Disposal considerations

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to P.R.C, province and local governmental regulations.

ECE hazardous waste number: Not a RCRA hazardous waste.

14.Transport 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 :

Proper shipping name: Unrestricted

Hazard class or division: None

Identification number: None

Packing group: None

International Air Transportation (ICAO/IATA):

Proper shipping name: Unrestricted

Hazard class or division: None

Identification number: None

Packing group: None

WaterTransportation (IMO/IMDG):

Proper shipping name: Unrestricted

Hazard class or division: None

Identification number: None

Packing group: None

Marine pollutant: None

15.Regulatory information

P.R.CRegulatory Information

All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

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