

Date: 12-Feb-2015

SECTION 1. IDENTIFICATION

Product name: UV gel

Contact Information: 86-18602046966

Chemical name: N/A

Manufacturer: BLUESKY

Address: Room 619, Yuecheng business center ,No.1718 Airport road, Baiyun district, Guangzhou, Guangdong, China

Product use: nail

Company name: [Guangzhou Bluesky Chemical Technology Co., Ltd.](#)

SECTION 2. COMPOSITION/ INFORMATION ON INGREDIENTS

Trade name	INCI NAME	CAS NUMBER	EC NUMBER	%
UV oligomer	polyurethane acrylate oligomer	no record	no record	66.00
HEMA	Hydroxyethyl Methacrylate Copolymer	868-77-9	212-782-2	60.00
(1-Hydroxycyclohexyl) phenylmethanone	Hydroxycyclohexyl Phenyl Ketone	947-19-3	213-426-9	6.00
Photoinitiator819	Bis-Trimethylbenzoyl Phenylphosphine Oxide	162881-26-7	423-340-5	6.00
Pigment	mixture	mixture	mixture	2.00

It contains the following ingredients(each color mixed by one or several below ingredients and Percentage for each is also different:

Pigment:	INCI	CAS	C.I.
PW6	Titanium White	13463-67-7	77891
Pigment red 101	Iron oxide	1332-37-2	77491
Iron blue	PIGMENT BLUE 27	25869-00-5	77510
Pigment green 18	HYDRATED CHROME OXIDE GREEN	12001-99-1	77289
Pigment Yellow 42	YELLOW IRON OXIDE	51274-00-1	77492
Lamp black	Carbonnanotubes	1333-86-4	77266
PV16	MANGO VIOLET	10101-66-3	77742

SECTION 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEWS

Physical state:Liquid

HEALTH: 1*

COLOR:Color

FLAMMABILITY:2

Odor: light

PHYSICAL HAZARD: 1

Personal Protection: See Section 8

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.

SECTION 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 medicate medical attention if symptoms.

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.

SECTION 5. FIRE-FIGHTING MEASURES

Flash point: 87°C

Auto-ignition 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 insulting in explosions or rupture of storage containers.

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

SECTION 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.

SECTION 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.

SECTION 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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Color: Color

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

SECTION 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.

Incompatibility: 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).

SECTION 11. TOXICOLOGICAL INFORMATION

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	COSHA Carcinogen
UV oligomer	NO	NO	NO
2-Hydroxyethyl Methacrylate	NO	NO	NO
(1-Hydroxycyclohexyl)phenylmethanone	NO	NO	NO
Photoinitiator819	NO	NO	NO
pigment	NO	NO	NO

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
UV oligomer	No Records
2-Hydroxyethyl Methacrylate	No Records
(1-Hydroxycyclohexyl)phenylmethanone	No Records
Photoinitiator819	No Records
pigment	No Records

SECTION 12. ECOLOGICAL INFORMATION

Ecological information: Not available

SECTION 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.

SECTION 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(ICAQ/IATA):

Proper shipping name:Unrestricted

Hazard class or division:None

Identification number: None

Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: Unrestricted.

Hazard class or division: None

Identification number: None

Packing group: None

Marine pollutant: None

SECTION 15. REGULATORY INFORMATION

P.R.C Regulatory Information

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

SECTION 16. OTHER INFORMATION

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