



## Stellar Gel LLC

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## Material Safety Data Sheet

MSDS ID: HFHS20240514

### 1. Product Information

**Product name:** HEMA Free Stellar Hard Structure

**Product No:** 000101

**Product type:** Gel Nail Polish

**Product Use:** Manicure/Pedicure Preparations

### 2. Ingredients

Chemical Components	CAS NO	INCI NAME	Concentration WT%
Bis-HEA Poly(1,4- butanediol)-9 / IPDI Copolymer	NA	NA	20-60
Bis-HEMA Polyneopentyl Glycol Adipate/ IPDI Copolymer	82339-16-0	NA	20-60
Tripropylene glycol diacrylate	42978-66-5	NA	1-10
Hydroxylcyclohexyl phenyl ketone	947-19-3	NA	0.1-5
BIS-Trimethylbenz oyl Phenylphosphine Oxide	162881-26-7	NA	0.1-5
MAY ALSO CONTAIN:			
CI 77891 (Titanium Dioxide)	13463-67-7	NA	≤1.0
CI 15850 (Red 6)	17852-98-1	NA	≤1.0
CI 47005 (Yellow 10))	8004-92-0	NA	≤1.0
CI 77491 (Iron Oxides)	1309-37-1	NA	≤1.0
CI77499 (Iron Oxides)	12227-89-3	NA	≤1.0

### 3. Hazards identification

#### Emergency Overview

**Physical state:** Liquid

**HEALTH: 1\***

**Color:** transparent

**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.

MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

**Common methods of exposure:** Skin contact, eye contact, inhalation.

## **Potential Health Risks:**

**Skin contact:** Contact skin may cause irritation.

**Eye contact:** Contact with eyes will cause irritation.

## **4. First aid measures**

**Inhalation:** Move to fresh air. If symptoms develop and persist, seek medical attention.

**Skin contact:** Immediately wash skin with soap and water (using soap, if available). Remove any clothing that has been contaminated. Seek medical attention if symptoms persist.

**Eye contact:** Immediately flush eyes with water for 15 minutes. Seek immediate medical attention.

**Ingestion:** Do NOT induce vomiting. Seek medical attention immediately.

## **5. Fire-fighting measures**

**Flash point:** 105°C (221°F)

**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 firefighting 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.

**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 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.

## 7. 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 an OSHA 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, an OSHA approved respirator must be used.

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

## 8. 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 %

## 9. 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. Base.

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

## 10. Toxicological information

This product has NOT been tested on animals to obtain toxicology data. There are toxicology data for the components of the product which are found in scientific literature. These data have not been presented in this document.

### Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	COSHA Carcinogen
Bis-HEA Poly(1,4- butanediol)-9 / IPDI Copolymer	NO	NO	NO
Bis-HEMA Polyneopentyl Glycol Adipate/ IPDI Copolymer	NO	NO	NO
Tripropylene glycol diacrylate	NO	NO	NO
Hydroxylcyclohexyl phenyl ketone	NO	NO	NO
BIS-Trimethylbenzoyl Phenylphosphine Oxide	NO	NO	NO
CI 77891 (Titanium Dioxide)	NO	NO	NO
CI 15850 (Red 6)	NO	NO	NO
CI 47005 (Yellow 10))	NO	NO	NO
CI 77491 (Iron Oxides)	NO	NO	NO
CI77499 (Iron Oxides)	NO	NO	NO

### Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
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Bis-HEA Poly(1,4- butanediol)-9 / IPDI Copolymer	No Records
Bis-HEMA Polyneopentyl Glycol Adipate/ IPDI Copolymer	No Records
Tripropylene glycol diacrylate	No Records
Hydroxylcyclohexyl phenyl ketone	No Records
BIS-Trimethylbenz oyl Phenylphosphine Oxide	No Records
CI 77891 (Titanium Dioxide)	No Records
CI 15850 (Red 6)	No Records
CI 47005 (Yellow 10))	No Records
CI 77491 (Iron Oxides)	No Records
CI77499 (Iron Oxides)	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.C Regulatory Information

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