



Stellar Gel LLC

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Material Safety Data Sheet

MSDS ID: HFSB20240514

1. Product Information

Product name: HEMA Free Stellar Bond

Product No: 000102

Product type: Gel Nail Polish

Product Use: Manicure/Pedicure Preparations

2. Ingredients

Chemical Components	CAS NO	INCI NAME	Concentration WT%
ACETONE	67-64-1	NA	60-100
Isopropylideneiphenyl bisoxyhydroxypropyl methacrylate	1565-94-2	NA	5-40
BIS-HEA POLY(1,4- butanediol)-9/ IPDI COPOLYMER	73297-27-5	NA	5-20
Hydroxypropyl methacrylate	27813-02-1	NA	5-20
METHACRYLIC ACID	79-41-4	NA	0-10
Methacryloxyethanol	868-77-9	NA	0-10
1-HYDROXYCYCLOHEXYL PHENYLKETONE	947-13-3		≤1.0
TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE	75980-60-8	NA	≤1.0
ETHYL TRIMETHYLBENZOYL PHENYLPHOSPHINATE	84434-11-7	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
ACETONE	NO	NO	NO
Isopropylideneiphenyl bisoxyhydroxypropyl methacrylate	NO	NO	NO
BIS-HEA POLY(1,4- butanediol)-9/ IPDI COPOLYMER	NO	NO	NO
Hydroxypropyl methacrylate	NO	NO	NO
METHACRYLIC ACID	NO	NO	NO
Methacryloxyethanol			
1-HYDROXYCYCLOHEXYL PHENYLKETONE	NO	NO	NO

TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE	NO	NO	NO
ETHYL TRIMETHYLBENZOYL PHENYLPHOSPHINATE	NO	NO	NO

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
ACETONE	No Records
Isopropylideneiphenyl bisoxyhydroxypropyl methacrylate	No Records
BIS-HEA POLY(1,4- butanediol)-9/IPDI COPOLYMER	No Records
Hydroxypropyl methacrylate	No Records
METHACRYLIC ACID	No Records
Methacryloxyethanol	
1-HYDROXYCYCLOHEXYL PHENYLKETONE	No Records
TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE	No Records
ETHYL TRIMETHYLBENZOYL PHENYLPHOSPHINATE	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

Water Transportation (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.