

PRODUCT SAFETY INFORMATION SHEET

THE GEM ADHESIVE

IMPORTANT DOCUMENT STATUS

This Product Safety Information Sheet has been prepared by Tayla-Made Nail Co from safety information supplied with the product by the manufacturer. It has not been independently prepared, tested, certified or issued by an accredited laboratory, toxicologist or SDS author. It is provided as a practical customer safety reference and should not be represented as an independently certified or professionally authored SDS.

1. Product identification

Product name	The Gem Adhesive
Product type	Ultraviolet Gel
Product use	Nail Gel / gem adhesive

2. Ingredient information

Chemical component	CAS No.	Concentration (WT%)
Acrylates Copolymer	25035-69-2	89.17%
Hydroxypropyl Methacrylate	27813-02-1	8.4%
Isobornyl Methacrylate	7534-94-3	0.15%
Phosphoric Acid	7664-38-2	0.1%
Bis(methacryloyloxyethyl) hydrogen phosphate	32435-46-4	0.88%
Trimethylbenzoyl Ditolylphosphine Oxide	270586-78-2	1.3%

3. Hazard identification

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 and eyes.

Skin contact: Contact with skin will cause irritation. Eye contact: Contact with eyes will cause irritation.

Physical state: Liquid. Colour: Transparent. Odour: Light. Health: 1*. Flammability: N/A. Physical Hazard: 1.

4. What to do in an emergency / first aid

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 the individual calm. Get medical attention immediately.

5. Fire-fighting measures

Flash point: 105°C. Autoignition temperature: Not available. Flammable/explosive limits: Not available.

Suitable extinguishing media: Foam, dry chemical or carbon dioxide.

Special fire-fighting procedures: Wear self-contained breathing apparatus and full protective clothing.

Unusual fire/explosion hazard: Uncontrolled polymerisation may occur at high temperatures, resulting in explosions or rupture of storage containers.

Hazardous combustion products: Oxides of carbon, oxides of nitrogen, irritating organic vapours and toxic fumes.

6. Accidental release measures

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

Before clean-up, refer to Section 8. Soak up with inert absorbent and store in a partly filled, closed container until disposal.

7. Safe handling and storage - what NOT to do

- Do not allow contact with eyes, skin or clothing. • Do not breathe vapour or mist. • Do not heat or spray.
- Do not use without adequate ventilation. • Do not expose to heat, sparks or open flame. • Do not leave the container open when not in use.

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

8. Exposure controls / personal protection - what TO do

- Use appropriate local exhaust ventilation where general ventilation is not sufficient to control airborne contamination.
- Use impermeable gloves and protective clothing as necessary to prevent skin contact. The supplier MSDS specifically identifies neoprene gloves.

- Use safety goggles or safety glasses with side shields. In a splash-hazard environment, use chemical goggles together with a full face shield.
- Use respiratory protection where exposure limits may be exceeded or under elevated-temperature/mist-forming conditions, in accordance with applicable workplace requirements.

9. Physical and chemical properties

Physical state	Liquid
Colour	Transparent
Odour	Light
Vapour pressure	Not available
pH	Not applicable
Boiling point/range	Greater than 93°C (200°F)
Melting point/range	Not available
Specific gravity	Not available
Vapour density	Not available
Evaporation rate	Not available
Solubility in water	Slight
Partition coefficient	Not available

10. Stability and reactivity

Stability: Stable under normal conditions of storage and use.

Hazardous polymerisation: May occur.

Hazardous decomposition products: Oxides of carbon, oxides of nitrogen, dimethylamine and irritating organic vapours.

Incompatibility: Strong acids, strong oxidising agents and bases.

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

11. Toxicological information

The supplier MSDS lists all six disclosed components as **NO** under NTP Carcinogen, IARC Carcinogen and COSHA Carcinogen.

For each disclosed component, the supplier MSDS records **No Records** under Literature Referenced Target Organ & Other Health Effects. These statements report the supplier MSDS and are not an independent toxicological assessment.

12. Ecological information

Ecological information: Not available.

13. Disposal considerations

Information supplied relates to unused product only. The supplier MSDS states disposal should follow P.R.C., province and local governmental regulations. Customers should follow disposal requirements applicable in their own location. Supplier MSDS waste statement: Not a RCRA hazardous waste.

14. Transport information

The supplier MSDS states that the shipping classifications are for non-bulk packaging only and may differ for bulk packaging.

Ground transport: Proper shipping name - Unrestricted; Hazard class/division - None; Identification number - None; Packing group - None.

International Air Transportation (ICAO/IATA): Proper shipping name - Unrestricted; Hazard class/division - None; Identification number - None; Packing group - None.

Water Transportation (IMO/IMDG): Proper shipping name - Unrestricted; Hazard class/division - None; Identification number - None; Packing group - None; Marine pollutant - None.

15. Regulatory information

The supplier MSDS identifies P.R.C. regulatory information and states that all components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

No independent Australian regulatory assessment is contained in the supplier MSDS on which this sheet is based.

16. Other information and limitations

Users of breathing apparatus must be trained.

The information in this sheet has been transcribed and reorganised from the supplier's MSDS to make the safety information easier for Tayla-Made customers to use. Manufacturer-identifying information has been omitted from this customer copy.

Where the supplier MSDS states that information is 'Not available' or 'No Records', this sheet retains that limitation rather than supplying or estimating missing data.

This sheet does not constitute independent laboratory testing, a cosmetic safety assessment, regulatory approval, or professional certification of the formulation. Before use, read the product label and follow appropriate professional nail-product handling and workplace safety procedures.

Customer safety summary: Avoid uncured product contact with skin and eyes. Use with adequate ventilation. Do not heat or spray. Store at or below 26°C, away from heat, sparks and open flame. Follow the first-aid instructions above if exposure occurs.