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SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER**GHS PRODUCT IDENTIFIER****TRADE NAME****OTHER MEANS OF IDENTIFICATION****PRODUCT TYPE****Gel Polish Base/Top Gel**

Gelique Base/Top Gel

Not Available

Liquid

SUPPLIER DETAILS

- Address
- ABN
- Contact No.
- Email
- Website

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AU EMERGENCY CONTACT*(24/7 within Australia)***000** or **13 11 26** (NSW Poisons Information Centre)**NZ EMERGENCY CONTACT***(24/7 within New Zealand)***0800 POISON (0800 764 766)****SECTION 2 - HAZARDS IDENTIFICATION**2.1. HAZARD CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture:

SKIN CORROSION/IRRITATION - Category 2

SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A

SKIN SENSITIZATION - Category 1

TOXIC TO REPRODUCTION (Fertility) - Category 2

Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 60.8%

2.2. PICTOGRAMS:**SIGNAL WORD: WARNING****Hazard Statement(s):**

Causes serious eye irritation.

Causes skin irritation.

May cause an allergic skin reaction.

Suspected of damaging fertility.

PRECAUTIONARY STATEMENT(S):**• Prevention:**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye or face protection. Avoid breathing vapor. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

• **Response:**

IF exposed or concerned: Get medical attention. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

• **Storage:**

Store locked up.

• **Disposal:**

Dispose of contents and container in accordance with all local, regional, national and international regulations.

2.2. OTHER HAZARDS: None known.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Other means of identification: Not Available

CAS NUMBER/OTHER IDENTIFIERS:

CAS Number: not available

INGREDIENT	CAS NUMBER	EC NUMBER	INCI NAME	%
POLYURETHANE ACRYLATE OLIGOMER	Exempt	-	Di-HEMA trimethylhexyl dicarbamate*	50 - 75
2-HYDROXYETHYL METHACRYLATE	868-77-9	212-782-2	HEMA	10 - 25
TPO	75980-60-8	278-355-8	Trimethylbenzoyl diphenylphosphine oxide	1 - 5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4 - FIRST AID MEASURES

DESCRIPTION OF NECESSARY FIRST AID MEASURES

- **EYE CONTACT:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- **INHALATION:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- **SKIN CONTACT:** Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

• **INGESTION:** Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

Potential acute health effects:

- Eye contact: Causes serious eye irritation.
- Inhalation: No known significant effects or critical hazards.
- Skin contact: Causes skin irritation. May cause an allergic skin reaction.
- Ingestion: No known significant effects or critical hazards.

Over-exposure signs/symptoms:

- Eye contact - Adverse symptoms may include the following: pain or irritation, watering, redness.
- Inhalation - Adverse symptoms may include the following: Suspected of damaging fertility.
- Skin contact - Adverse symptoms may include the following: Suspected of damaging fertility.
- Ingestion - Adverse symptoms may include the following: Suspected of damaging fertility.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY:

Notes to physician:

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments: No specific treatment.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

SECTION 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

- **Suitable extinguishing media:** Use an extinguishing agent suitable for the surrounding fire.
- **Unsuitable extinguishing media:** None known.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: In a fire or if heated, a pressure increase will occur and the container may burst.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Decomposition products may include the following materials: carbon dioxide, carbon monoxide, phosphorus oxides.

SPECIAL PROTECTIVE ACTIONS FOR FIRE-FIGHTERS: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6 - ACCIDENTAL RELEASE MEASURESPERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**• For non-emergency personnel:**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

• For emergency responders:

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

• Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

• Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

• Large spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. **Note: see Section 1 for emergency contact information and Section 13 for waste disposal.**

SECTION 7 - HANDLING AND STORAGEPRECAUTIONS FOR SAFE HANDLING

• Protective measures: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

• Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

• Conditions for safe storage, including any incompatibilities: Shield UV light sources. Do not store above the following temperature: 38°C (100.4°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS

Occupational exposure limits: None.

Appropriate engineering controls: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

INDIVIDUAL PROTECTION MEASURES

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection: Safety eye-wear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

SKIN PROTECTION

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

RESPIRATORY PROTECTION

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid (Clear to slightly hazy liquid).
Colour:	Colorless to slight violet (Light).
Odour:	Characteristic. Acrylate odor (Slight).
pH:	Not available.
Melting point:	Not available.
Boiling point:	Not available.
Flash point:	Closed cup: >100°C (>212°F) [Setaflash].
Lower and upper explosive (flammable) limits:	Not available.
Vapor pressure:	Not available.
Vapor density:	Not available.
Relative density:	1.12

Solubility:	Insoluble in the following materials: cold & hot water.
Solubility in water:	Not available.
Partition coefficient: noctanol/water:	Not available.
Auto-ignition temperature:	Not available.

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: The product is stable.

Possibility of hazardous reactions: Hazardous polymerization may occur under certain conditions of storage or use. These could cause the product to polymerize exothermically. Unintentional contact with them should be avoided.

Conditions to avoid: No specific data.

Incompatible materials: No specific data.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 - TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity

PRODUCT/INGREDIENT NAME	RESULT	SPECIES	DOSE	EXPOSURE
2-HYDROXYETHYL METHACRYLATE	LD50 Oral	Rat	5050 mg/kg	-

Information on the likely routes of exposure: Not available.

POTENTIAL ACUTE HEALTH EFFECTS

- **Eye contact:** Causes serious eye irritation.
- **Inhalation:** No known significant effects or critical hazards.
- **Skin contact:** Causes skin irritation. May cause an allergic skin reaction.
- **Ingestion:** No known significant effects or critical hazards.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS

- **Eye contact** - Adverse symptoms may include the following: pain or irritation, watering, redness.
- **Inhalation** - Adverse symptoms may include the following: Suspected of damaging fertility.
- **Skin contact** - Adverse symptoms may include the following: Suspected of damaging fertility.
- **Ingestion** - Adverse symptoms may include the following: Suspected of damaging fertility.

DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT & LONG TERM EXPOSURE

Short term exposure

Potential immediate effects: Not available.
 Potential delayed effects: Not available.

Long term exposure

Potential immediate effects: Not available.
 Potential delayed effects: Not available.

POTENTIAL CHRONIC HEALTH EFFECTS: Not available.

General: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.
Fertility effects: Suspected of damaging fertility.

NUMERICAL MEASURES OF TOXICITY

Acute toxicity estimates: Not available.

SECTION 12 - ECOLOGICAL INFORMATION

TOXICITY

PRODUCT/INGREDIENT NAME	RESULT	SPECIES	EXPOSURE
2-HYDROXYETHYL METHACRYLATE	Acute LC50 227000 µg/l Fresh water	Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling)	96 hours

BIOACCUMULATIVE POTENTIAL

PRODUCT/INGREDIENT NAME	LogP _{ow}	BCF	POTENTIAL
2-HYDROXYETHYL METHACRYLATE	0.42	-	Low
TPO	-	53 to 72	Low

MOBILITY IN SOIL

Soil/water partition coefficient (K_{oc}): Not available.
 Other adverse effects: No known significant effects or critical hazards.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14 - TRANSPORT INFORMATION

	DOT Classification	TDG Classification	Mexico Classification	ADR/RID	IMDG	IATA
UN NUMBER	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
UN PROPER SHIPPING NAME	-	-	-	-	-	-
TRANSPORT HAZARD CLASS(ES)	-	-	-	-	-	-
PACKING GROUP	-	-	-	-	-	-
ENVIRONMENTAL HAZARDS	No	No	No	No	No	No
ADDITIONAL INFORMATION	-	-	-	-	-	-

SPECIAL PRECAUTIONS FOR USER

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not available.

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA 8(a) CDR Exempt/Partial exemption: Not determined.

United States inventory (TSCA 8b): All components are listed or exempted.

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs): Not listed.

Clean Air Act Section 602 Class I Substances: Not listed.

Clean Air Act Section 602 Class II Substances: Not listed

DEA List I Chemicals (Precursor Chemicals): Not listed

DEA List II Chemicals (Essential Chemicals): Not listed

SARA 302/304

Composition/information on ingredients: No products were found.

SARA 304 RQ: Not applicable.

SARA 311/312

Classification:

Immediate (acute) health hazard

Delayed (chronic) health hazard

COMPOSITION/INFORMATION ON INGREDIENTS

Name	%	FIRE HAZARD	SUDDEN RELEASE OF PRESSURE	REACTIVE	IMMEDIATE (ACUTE) HEALTH HAZARD	DELAYED (CHRONIC) HEALTH HAZARD
POLYURETHANE ACRYLATE OLIGOMER	50 - 75	No	No	No	No	No
2-HYDROXYETHYL METHACRYLATE	10 - 25	No	No	No	No	No
TPO	1 - 5	No	No	No	No	No

INTERNATIONAL REGULATIONS

International lists:

- Australia inventory (AICS): All components are listed or exempted.
- China inventory (IECSC): All components are listed or exempted.
- Japan inventory: All components are listed or exempted.
- Korea inventory: All components are listed or exempted.
- Malaysia Inventory (EHS Register): Not determined.
- New Zealand Inventory of Chemicals (NZIoC): Not determined.
- Philippines inventory (PICCS): All components are listed or exempted.
- Taiwan inventory (CSNN): Not determined.

Chemical Weapons Convention List Schedule I Chemicals: Not listed.

Chemical Weapons Convention List Schedule II Chemicals: Not listed.

Chemical Weapons Convention List Schedule III Chemicals: Not listed.

SECTION 16 - OTHER INFORMATIONHISTORY

Date of issue: 20/01/2015
Date of revision: 15/09/2018
Date of previous issue: Not previous validation
Version: 1

KEY TO ABBREVIATIONS:

ATE	Acute Toxicity Estimate
BCF	Bio-concentration Factor
GHS	Globally Harmonized System of Classification and Labeling of Chemicals
IATA	International Air Transport Association
IBC	Intermediate Bulk Container
IMDG	International Maritime Dangerous Goods
LogPow	logarithm of the octanol/water partition coefficient
MARPOL 73/78	International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN	United Nations

REFERENCES: Not available.

NOTICE TO READER:

*Most HAWLEY INTERNATIONAL PTY LTD gels are composed of oligomers made primarily from urethane (meth)acrylates. HAWLEY INTERNATIONAL PTY LTD is using the designation di-HEMA trimethylhexyl dicarbamate, the official INCI name of urethane dimethacrylate, which is substantially the equivalent of polyurethane acrylate oligomer.

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Information contained within this SDS is only to be distributed as required by law.