

## Safety Data Sheet

### Section 1: Identification of the Substance/Preparation and of the Company/Undertaking

**Product Name:** Gelish Hard Gel Photo Finish

**SDS Prepared:** 06/12/2014

**SDS Updated:** N/A

**Revision:** 00

**Manufacture:** Hand & Nail Harmony, Brea, CA 92821

**Item Numbers:** 01574, 01575

**Emergency Phone Number:** (800) 535-5053

**Information Contacts:** (714) 773-9758

### Section 2: Hazards Identification

#### EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- May be slightly toxic.
- May cause moderate skin injury (reddening & swelling).
- May cause chemical burn in eye

#### Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry	No specific information available.
Eye	No specific information available. Contains materials that are essentially nonirritating, but contact may cause slight transient irritation.
Skin	No specific information available. Contains materials that may cause moderate skin injury (reddening and swelling) and/or sensitization. Prolonged contact may cause blister formation (burns). Since irritation may not occur immediately, contact can go unnoticed.
Ingestion	May cause gastrointestinal irritation with nausea, vomiting and diarrhea.
Inhalation	No specific information available. Low volatility makes vapor inhalation unlikely. Aerosol can be irritating
Sub-Chronic Effects	No specific information available. Limited tests showed no evidence of teratogenicity in animals. A lifetime skin painting study with mice showed no evidence of carcinogenicity.

NOTE: Refer to Section 11, Toxicological Information for Details

### Section 3: Composition/Information on Ingredients

INCI NAME	CAS#	EINECS#	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Di-HEMA Trimethylhexyl Dicarbamate	Exempt	N/E	N/E	N/E	Not Listed	50 - 75
Trimethylolpropane Trimethacrylate	3290-92-4	221-950-4	N/E	N/E	Not Listed	25 - 50
Ethoxylated Trimethylolpropane triacrylate esters (ETPTA)	28961-43-5	278-260-1	N/E	N/E	Not Listed	10 - 25
INCI: PEG-15 Trimethylolpropane Triacrylate						
Hydroxycyclohexyl Phenyl Ketone	947-19-3	213-426-9	N/E	N/E	Not Listed	0.1 - 1
Ethyl Trimethylbenzoyl Phenylphosphinate	84434-11-7	282-810-6	N/E	N/E	Not Listed	0.1 - 1
Violet 2 (CI 60725)	81-48-1	201-353-5	N/E	N/E	Not Listed	0 - 0.1
p-Hydroxyanisole	150-76-5	205-769-8	5mg/m3	5mg/m3	Not Listed	≤0.02
Hydroquinone	123-31-9	204-617-8	5mg/m3	5mg/m3	Not Listed	≤0.005

N/E - None Established

N/DA - No Data Available

N/R - Not Reviewed

N/A - Not Applicable

Di-HEMA Trimethylhexyl Dicarbamate:	Hazard Symbol: Xi	Risk Phrases: R36/37/38	Safety Phrases: S3/7, S36/37, S62
Trimethylolpropane Trimethacrylate	Hazard Symbol: Xi	Risk Phrases: R36/37/38	Safety Phrases: S26

See Section 16 for Risk and Safety Phrase Key

### Section 4: First Aid Measures

First Aid for Eye	Flush with plenty of water for 15 minutes and seek medical attention
First Aid for Skin	Remove contaminated clothing and wash contact area with soap and water for 15 minutes.
First Aid for Inhalation	In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.
First Aid for Ingestion	If appreciable quantities are swallowed, seek medical attention.

### Section 5: Fire Fighting Measures

Flash Point ( °F/ °C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
> 212°F/100°C estimate	No Data	No Data

#### Method:

Extinguishing Media:	Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.
Fire Fighting Instructions:	Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.

Unusual Hazards: High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers. Avoid the use of a stream of water to control fires since frothing can occur.

**Section 6: Accidental Release Measures**

Spill or Release Producers: Spontaneous polymerization can occur. Although material is non-flammable please try to eliminate ignition sources. Use eye and skin protection. Place leaking containers in a well ventilated area.  
 Dike and recover large spills. Soak up small spills with inert solids (such as vermiculite, clay) and sweep/shovel into disposal container. Wash spill area with strong detergent and water solution; rinse with water, but minimize water use during clean-up. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802. EU Regulations require the consultation of Directive 98/24/EC. Dispose and report per regulatory requirements if necessary. Please prevent washings from entering waterways.

**Section 7: Handling and Storage**

Handling: Avoid contact with skin and eyes. Avoid breathing vapor. Keep container closed when not in use. Avoid prolonged exposure to light. Remove all contaminated clothing, shoes, belts and other leather goods immediately. Incinerate leather goods (including shoes). Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential.  
 Storage: Store in a cool, dry place, away from heat and all types of light. Store at temperatures below 100°F.  
 Explosion Hazard: High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers.

**Section 8: Exposure Controls / Personal Protection**

Engineering Controls Local exhaust recommended to control exposure which may result from operations generating aerosols and hot operations generating vapors.  
 Personal Protective Equipment  
 General: To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product. Provide eye stations and safety showers. Wear impervious clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.  
 Eye / Face Protection: Chemical splash goggles.  
 Skin Protection: Impervious gloves ( Neoprene)  
 Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by nuisance level organic vapor dust masks can be used, however the use of the respirator is limited. Follow OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN149.

**Section 9: Physical and Chemical Properties**

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	%Volatile
Clear viscous gel	characteristic acrylate odor	NA	(H20=1): 1.11	N/DA	By Volume: <0.5

Boiling Point/Freezing Point	Decomposition Temperature	Octanol/water Partitioning Coefficient Log P <sub>ow</sub>	Vapor Pressure: (mm Hg) @ 20 °C:<0.01	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
N/A	N/A	N/A	(mm Hg) @ 20 °C:<0.01	No Data	No Data	No Data	Insoluble

Flash Point ( °F/ °C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
> 212°F/100°C estimate	No Data	No Data

**Section 10: Stability and Reactivity**

Stability Normally Stable  
 Incompatibility (Material to Avoid): Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and strong bases.  
 Hazardous Decomposition Products: Fumes produced when heated to decomposition may include: carbon monoxide, carbon dioxide  
 Hazardous Polymerization: May occur --- Uncontrolled polymerization may cause rapid evolution of heat and increased pressure that could result in violent rupture of sealed storage vessels or containers.  
 Conditions to Avoid: Storage>100°F, exposure to light, loss of dissolved air, loss of polymerization, contamination with incompatible materials.

**Section 11: Toxicological Information**

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - skin	Irritation - Eye
No information available	No information available	No information available	No information available	No information available

Since this product contains a very low concentration of active components, the primary toxicological information is derived from oligomers. Further hazardous properties cannot be excluded. The product should be handled with care when dealing with chemicals.

Sensitization	Mutagenicity	Sub-chronic Toxicity
N/DA	N/DA	N/DA

**Section 12: Ecological Information**

**Ecotoxicological Information**

Acute Toxicity to Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
N/DA	N/DA	N/DA	N/DA	N/DA

**Chemical Fate Information**

Biodegradability	N/DA
Chemical Oxygen Demand	N/DA

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been thoroughly investigated.  
Do not allow to enter drinking water supplies, wastewater, or soil.

**Section 13: Disposal Considerations**

Non-contaminated, properly inhibited product is not a RCRA hazardous waste. It is the generators responsibility to determine what is classified as a hazardous waste. Comply with all federal, state, and local regulations. Dispose of diking materials and absorbent in compliance with State, Local, and Federal regulations. Residual vapors may explode on ignition; do not cut, drill, or weld on or near the container. Mix with compatible chemical which is less flammable and incinerate.

**Section 14: Transport Information**

<b>DOT (49 CFR 172)</b>	
Proper Shipping Name:	Non-Regulated Material
Identification Number:	N/A
Marine Pollutant:	No
Special Provisions:	None
<b>Emergency Response Guidebook (ERG) #:</b>	<b>N/A</b>
<b>IATA (DGR):</b>	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	<b>N/A</b>
UN or ID Number:	<b>N/A</b>
Packaging Instructions:	None
<b>Emergency Response Guidance (ICAO)#:</b>	<b>N/A</b>
<b>IMO (IMDG):</b>	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	<b>N/A</b>
UN or ID Number:	<b>N/A</b>
Special Provisions & Stowage/Segregation:	None
<b>Emergency Schedule (EmS)#:</b>	<b>N/A</b>
<b>Other Information:</b>	<b>Flash point &gt; 100°C</b>

**Section 15: Regulatory Information**

**US Federal Regulations**

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act: <ul style="list-style-type: none"> <li>• NONE</li> </ul> This product does not contain ODS's
Clean Water Act: Priority Pollutant	This product contains no chemicals listed under the US Clean Water Act Priority Pullutant List
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and /or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is considered to be a hazardous chemical under the OSHA Hazard Communication Standard. Its hazards are: <ul style="list-style-type: none"> <li>• Immediate (acute) health hazard</li> <li>• Delayed (chronic) health hazard</li> <li>• Reactive hazard</li> </ul>
RCRA	This product is not considered to be a hazardous waste under RCRA (40 CFR 261)
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances that carry a TPQ.
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List).
SARA Title III: Section 311-312:	This product is considered hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Its hazards are: <ul style="list-style-type: none"> <li>• Immediate (acute) health hazard</li> <li>• Delayed (chronic) health hazard</li> <li>• Reactive hazard</li> </ul>
SARA Title III: Section 313:	This product contains no chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
TSCA Section 8(b) Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.
TSCA Significant New Use Rule:	None of the chemicals in this material have a SNUR under TSCA.


**State Regulations**

CA Right-to-Know Law:	NONE
California No Significant Risk Rule:	NONE
MA Right-to-Know Law:	This product contains no hazardous chemicals on the Massachusetts Substance List.
NJ Right-to-Know Law:	This product contains the following hazardous components subject to disclosure under New Jersey Right-To-Know legislation: NONE
PA Right-to-Know Law:	This product contains the following hazardous components subject to disclosure under Pennsylvania Right-To-Know legislation: NONE
FL Right-to-Know Law:	This product contains the following hazardous components subject to disclosure under Florida Right-To-Know Legislation: <b>NONE</b>
MN Right-to-Know Law:	This product contains the following hazardous components subject to disclosure under Minnesota Right-To-Know Legislation: <b>NONE</b>

**International Regulations**

CDSL: Canadian Inventory	Ethoxylated Trimethylolpropane triacrylate ester (ETPTA) Cas# 28961-43-5 is on the DSL lit. WHMIS=n/a Hydroxycyclohexyl phenyl ketone Cas# 947-19-3 is on the DSL list. WHMIS = n/da
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**Labeling according to EC Directives - 1999/45/EC**

European Community: 	<b>Gelish Hard LED Gels:</b> <ul style="list-style-type: none"> <li>• HAZARD SYMBOLS: <b>Xi: Irritant</b></li> <li>• RISK PHRASES: <b>R20: Harmful by inhalation, R43: May cause sensitization by skin contact.</b></li> <li>• SAFETY PHRASES: <b>S24/25: avoid contact with skin and eyes, S28A: After contact with skin, wash immediate with plenty of water. S37: Wear suitable gloves, S45: In case of accident or if you fill unwell, seek medical advise immediate</b></li> </ul> <i>(show the label where possible)</i>
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**Section 16: Other Information**

**EU Classes and Risk / Safety Phrases for Referenced Ingredients (See Section 2):**

**Hazard Symbols:**

Xi - Irritants

**Risk Phrases:**

R36/37/38 Irritating to eyes, respiratory system and skin

**Safety Phrases:**

S3/7 Keep container tightly closed in a cool place; S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice;

S36/37 Wear suitable protective clothing and gloves; S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label

**Hazard Rating System (Pictograms)**

**NFPA:**

The NFPA diamond is a diamond-shaped hazard rating system. It is divided into four colored quadrants: a blue quadrant on the left labeled 'Blue health' with a circled '2' and an arrow pointing to it; a red quadrant on the top labeled 'Red flammability' with a circled '1' and an arrow pointing to it; a yellow quadrant on the right labeled 'Yellow reactivity' with a circled '1' and an arrow pointing to it; and a white quadrant at the bottom labeled 'White special'. The center of the diamond is white.

**HMS:**

HEALTH	<input type="checkbox"/>	②
FLAMMABILITY	<input type="checkbox"/>	①
REACTIVITY	<input type="checkbox"/>	①
PERSONAL PROTECTION	<input type="checkbox"/>	

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