

## Safety Data Sheet

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

**Product Name:** Gelish Hard Gel No Cleanse Top Sealer (Dry Armor)

SDS Prepared: 8/15/2014  
SDS Updated: n/a  
Revision: 00

**Product Use:** cosmetics

**Manufacturer:** Hand & Nail Harmony Inc  
1545 Moonstone Brea, CA 92821

**Product #s:** 01398, 01570

**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.

- Flammable Liquid
- May be slightly toxic.
- May cause moderate skin injury (reddening & swelling).
- May cause eye irritation



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

**Eye:** Irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering  
**Skin:** May be irritating to skin in some individuals, especially after prolonged and/or repeated contact  
**Ingestion:** If product is swallowed, may cause nausea, vomiting, and/or diarrhea  
**Inhalation:** Vapors of this product may be slightly irritating to the nose, throat and other tissue of the respiratory system. Systems of overexposure can include coughing, wheezing, nasal congestion, and difficulty breathing.

NOTE: Refer to Section II, 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	%
Polyurethane Acrylate Oligomer (Di-HEMA Trimethylhexyl Dicarbamate)	Exempt	N/E	N/E	N/E	Not Listed	70.0 - 85.0
Trimethylolpropane Trimethacrylate	3290-92-4	221-950-4	N/E	N/E	Not Listed	10.0 - 25.0
PEG-4 Dimethacrylate	109-17-1	203-653-1	N/E	N/E	Not Listed	10.0 - 25.0
Hydroxypropyl Methacrylate	27813-02-1	248-666-3	N/E	N/E	Not Listed	10.0 - 25.0
Hydroxycyclohexyl Phenyl Ketone	947-19-3	213-426-9	N/E	N/E	Not Listed	1.0 - 3.0
Violet 2 (CI 60725)	81-48-1	201-353-5	N/E	N/E	Not Listed	0.0 - 1.0

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: S14, S3/7, S62
PEG-4 Dimethacrylate	Hazard Symbol: Xi	Risk Phrases: R36/38	Safety Phrases: S21, S24/25, S26, S41
Hydroxycyclohexyl Phenyl Ketone	Hazard Symbol: Xi	Risk Phrases: R36, R37, R38	Safety Phrases: S26, S37
Hydroxypropyl Methacrylate	Hazard Symbol: Xi	Risk Phrases: R36/37/38, R43	Safety Phrases: S26, S36/37

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, occasionally lifting the upper and lower eyelids. Get medical aid. Do not allow victim to rub or keep eyes closed.

**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%)
110°F / 43° C Penske-Martin	No Data	No Data

#### Method:

**WARNING:** Flammable. Keep away from heat, lit cigarettes, sparks & open flame. Keep containers closed

**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.

## Section 6: Accidental Release Measures

**Spill:** Before cleaning any spills or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. Dike and contain spill with inert material (e.g. sand or earth). Use ONLY non sparking tools for recovery and clean-up. Transfer liquid to containers for recovery or disposal and solid diking material to separated containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. 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:** Keep container closed when not in use. Avoid prolong contact with the product. Avoid breathing vapors of this product. Use in a well ventilated location.

**Storage:** Product is extremely light sensitive. If exposed to natural light, LED, UVA, UVB or UV any light, material will cure very quickly. Store in a cool, dry place, away from heat and all types of light. Store away from incompatible materials

**Special precautions** Keep this materials away from heat, sparks, and open flame. Keep containers tightly closed when not in use.

## Section 8: Exposure Controls / Personal Protection

**Engineering Controls** When working with large quantities of product, provide adequate ventilation. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

### 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 wash stations and safety showers. Wear impervious clothing to prevent ANY contact with this product, such as gloves, apron boots, or whole body suits. Nitrile rubber is better than PVC.

**Eye / Face Protection:** Wear chemical splash goggles

**Skin Protection:** Wear 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 EN 149.

## Section 9: Physical and Chemical Properties

Appearance	Odor & Odor Threshold	Specific Gravity	Viscosity	%Volatile		
Clear, semi-viscous liquid	characteristic acrylate odor	(H20=1): 1.14	N/DA	By Volume: <0.5		
Boiling Point/Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
N/A	N/A	N/A	No Data	No Data	No Data	Insoluble
Flash Point ( °F/ °C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)				
110°F / 43°C	No Data	No Data				

## Section 10: Stability and Reactivity

**Stability**  
Normally Stable

**Incapability (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/38°C, exposure to light, loss of dissolved air, loss of polymerization, contamination with incompatible materials.

## Section 11: Toxicological Information

Acute Oral Toxicity	Acute Dermal Toxicity	Irritation - skin	Irritation - Eye
No info available	No info available	No info available	No info available

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	Bioconcentration	Toxicity to Sewage Bacteria
No Information Available	No Information Available	No Information Available	No Information Available

### Environmental Stability:

**Ethyl Acetate:** compound can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is significant.

**Butyl Acetate:** significant. This compound can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-

<b>Isopropyl Alcohol:</b>	released on land or water, it is apt to volatilize and biodegrade. The estimated half-life in water is 5.4 days, Isopropyl alcohol is not
<b>Chemical Fate Information</b>	
<b>Biodegradability</b>	No Information Available
<b>Chemical Oxygen Demand</b>	No Information Available

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

Waste disposal must be in accordance with appropriate Federal, State and local regulations. US. EPA Waste #: D001  
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. Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements. For EU Member State, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.

### Section 14: Transport Information

#### DOT (49 CFR 172)

Consumer Commodity, ORM-D (<= 1.0L)  
UN1263, Paint, 3, III (> 1.0L)

#### IATA (DGR):

Consumer Commodity, 9, ID8000 (<= 0.5L)  
UN1263, Paint, 3, III (> 0.5L)

#### IMO (IMDG):

UN1263, Paint, 3, III LTD QTY (<= 1.0L)  
UN1263, Paint, 3, III (> 1.0L)

#### TDGR (Cabdián GND):

Mark Package "Limited Quantity" or "Quantite Limitee" or "LTD QTY" or "Quant Ltee" (≤ 1.0 L)  
UN1263, Paint, 3, III, (>1.0L)

#### ADR/RID (EU):

UN1263, Paint Related Material, 3, III, ADR

#### Other Information:

#### MEXICO (SCT):

UN1263, Pintura, 3, III, Cantidad Limitada (<=1.0L)

#### ADGR(AUS):

UN1263, Paint, 3, III LTD Qty (<= 1.0L)

### 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 any Class 1 or Class 2 ODS
Clean Water Act: Priority Pollutant	This product contains the following Hazardous Substances as defined by the CWA: <ul style="list-style-type: none"> <li>• NONE</li> </ul> This product does not contain any substances that are a Priority Pollutant or Toxic Pollutant under the CWA
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 Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.
TSCA Section 8(b) Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA pre-manufacture notification requirements.

#### State Regulations

CA Right-to-Know Law:	None
California No Significant Risk Rule:	None
MA Right-to-Know Law:	None
NJ Right-to-Know Law:	None
PA Right-to-Know Law:	None

FL Right-to-Know Law:	None
MN Right-to-Know Law:	None

**Labeling according to EC Directives - 1999/45/EC**

<p>European Community:</p> 	<p><b>HNH Gel:</b></p> <ul style="list-style-type: none"> <li>HAZARD SYMBOLS: <b>Xi irritant</b>, <b>F: Flammable</b>, <b>Xn: Harmful</b></li> <li>RISK PHRASES: <b>R22:</b> Harmful if swallowed, <b>R36/38/37:</b> Irritating to eyes, respiratory system, and skin, <b>R43:</b> May cause sensitization by skin contact. <b>R10</b> Flammable, <b>R11</b> Highly Flammable, <b>R20</b> Harmful by inhalation <b>R21</b> Harmful in contact with the skin, <b>R41</b> Risk of serious damage to eyes, <b>R50</b> Very toxic to aquatic organisms <b>R53</b> May cause long term adverse effect in the aquatic environment, <b>R65</b> Harmful, may cause lung damage <b>R66</b> Repeated exposure may cause skin dryness or cracking, <b>R67</b> Vapors may cause drowsiness and dizziness</li> <li>SAFETY PHRASES: <b>S18:</b> Handle and open container with care, <b>S24/25:</b> avoid contact with skin and eyes, <b>S36/37:</b> Wear suitable protective clothing and gloves, <b>S38:</b> in case of insufficient ventilation, wear suitable respiratory equipment. <b>S16:</b> Keep away from sources of ignition-No Smoking, <b>S23:</b> Do not breathe vapor, <b>S29:</b> Do not empty into drains, <b>S33:</b> Take precautionary measures against.</li> </ul>
--	---

**Section 16: Other information**

**Hazard Symbols:**

Xi - Irritants

• **RISK PHRASES:**

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

R43: May cause sensitization by skin contact.

• **SAFETY PHRASES:**

S2: Keep out of the reach of children

S3/7: Keep container tightly closed in a cool place

S9: Keep container in a well-ventilated place

S16: Keep away from sources of ignition-No Smoking

S21: When using do not smoke

S24/S25: Avoid contact with skin and eyes

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

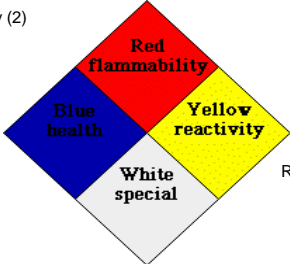
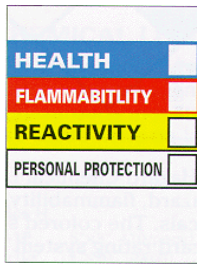
S29: Do not empty into drains

S33: Take precautionary measures against static discharges

S41: In case of fire and/or explosion do not breathe fumes

S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label where possible.

**Hazard Rating System (Pictograms)**

<p><b>NFPA:</b></p> <p>Flammability (2)</p>  <p>Health (2)</p> <p>Reactivity (1)</p>	<p><b>HMIS:</b></p> 
---	---

This information presented herein was obtained from sources considered to be reliable. However, this information is provided without any warranty, expressed or implied, regarding its correctness or suitability for consumers intended use and/or application. For this and other reasons, we assume no responsibility and expressly disclaim liability for loss, damage or expense arising out of any way connected with the handling, storage use or disposal of the product. This SDS was prepared expressly for this product. Use the materials only as directed. If the product is used as a component of another product, the information contained within the SDS may not be applicable. If there are any problems or concerns understanding this SDS form, please direct all questions to INFOTRAC, Chemical Emergency Resources System at (1-800-535-5053).