

## Safety Data Sheet

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

**Product Name:** Soak Off Gel Polish

SDS Prepared: 3/7/2017  
SDS Updated: 10/9/2018  
Revision: 02

**Product Use:** Cosmetics

**Reference:** RL S5

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

**Product #s:**  
1110203, 1110178 (04683), 1110182 (04687)

**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	%
Di-HEMA Trimethylhexyl Dicarbamate	72869-86-4	276-957-5	N/E	N/E	Not Listed	20.0 - 55.0
Ethyl Acetate	141-78-6	205-500-4	400ppm	400ppm	Not Listed	1.0 - 20.0
HEMA	868-77-9	212-782-2	N/E	N/E	Not Listed	1.0 - 20.0
Hydroxypropyl Methacrylate	27813-02-1	248-666-3	N/E	N/E	Not Listed	1.0 - 20.0
Butyl Acetate	123-86-4	204-658-1	150ppm	150ppm	Not Listed	2.0 - 20.0
Nitrocellulose	9004-70-0	N/A	N/E	N/E	Not Listed	0.5 - 10.0
Isopropyl Alcohol	67-63-0	200-661-7	400 ppm	200 ppm	Not Listed	0.5 - 10.0
Isobornyl Methacrylate	7534-94-3	231-403-1	N/E	N/E	Not Listed	0.5 - 10.0
Camphor	76-22-2	207-355-2	2mg/m3	3 ppm	Not Listed	<1.0
Triphenyl Phosphate	115-86-6	204-112-2	<1	<1	Not Listed	<1.0
Propyl Acetate	109-60-4	203-686-1	200 ppm	200 ppm	Not Listed	<1.0
n-Butyl Alcohol	71-36-3	200-751-6	N/E	N/E	Not Listed	<1.0
Diacetone Alcohol	123-42-2	204-626-7	50 ppm	50 ppm	Not Listed	<1.0

N/E - None Established

N/DA - No Data Available

N/R - Not Reviewed

N/A - Not Applicable

Ingredient	Hazard Symbol	Risk Phrases	Safety Phrases
Di-Hema Trimethylhexyl Dicarbamate	Hazard Symbol: Xi	Risk Phrases: R36/37/38	Safety Phrases: S14, S3/7, S62
Ethyl Acetate	Hazard Symbol: F, Xi	Risk Phrases: R11, R36, R66, R67	Safety Phrases: S2, S16, S26, S33
HEMA	Hazard Symbol: Xi	Risk Phrases: R36/38, R43	Safety Phrases: S2, S26, S28
Hydroxypropyl Methacrylate:	Hazard Symbol: Xi	Risk Phrases: R36/37/38, R43	Safety Phrases: S26, S36/37
Butyl Acetate	Hazard Symbol: F	Risk Phrases: R10, R66, R67	Safety Phrases: S2, S25
Nitrocellulose:	Hazard Symbol: F	Risk Phrases: R11	Safety Phrases: S2, S16, S33 S37/39
Isopropyl Alcohol:	Hazard Symbols: F, Xi	Risk Phrases: R11, R36, R67	Safety Phrases: S2, S7, S16, S24/25, S26
Isobornyl Methacrylate:	Hazard Symbol: Xi	Risk Phrases: R36/37/38	Safety Phrases: S26,S27,S28,S29,S30,S33,S35,S36
Camphor	Hazard Symbols: F, Xi	Risk Phrases: R11, R36/37/38	Safety Phrases: S26, S37/39
Triphenyl Phosphate	Hazard Symbol: N	Risk Phrases: R50/53	Safety Phrases: S60, S61
Propyl Acetate	Hazard Symbols: F, Xi	Risk Phrases: R11, R36, R66, R67	Safety Phrases: S2, S16, S26, S29, S33
n-Butyl Alcohol	Hazard Symbol: Xn, Xi	Risk Phrases: R10, R22, R37/38, R41, R67	Safety Phrases: S2, S7/9, S13, S26, S37/39, S46
Diacetone Alcohol	Hazard Symbol: Xi	Risk Phrases: R36	Safety Phrases: S2, S24/25

See Section 16 for Risk and Safety Phrase Key

### Section 4: First Aid Measures

**First Aid for Eye** Splashes are not likely, however, if product gets into the eyes, flush with plenty of water for at least 15 minutes. If irritation occurs, seek medical attention immediately.

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**

<b>Flash Point ( °F/ °C)</b>	<b>Flammable Limit (vol%)</b>	<b>Auto-ignition Temperature (vol%)</b>
38°F / 3.33°C	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**

<b>Appearance</b>	<b>Odor &amp; Odor Threshold</b>	<b>Specific Gravity</b>	<b>Viscosity</b>	<b>%Volatile</b>		
viscous liquid	characteristic acrylate odor	(H2O=1): 1.15	N/DA	By Volume: <7.0		
<b>Boiling Point/Freezing Point</b>	<b>Decomposition Temperature</b>	<b>Octanol/Water Partitioning Coefficient Log Po/w</b>	<b>Vapor Density</b>	<b>Evaporation Rate</b>	<b>Ignition</b>	<b>Solubility In Water (20°C)</b>
N/A	N/A	N/A	No Data	No Data	No Data	Insoluble

<b>Flash Point ( °F/ °C)</b>	<b>Flammable Limit (vol%)</b>	<b>Auto-ignition Temperature (vol%)</b>
38°F / 3.33°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**

<b>Acute Oral Toxicity</b>	<b>Acute Dermal Toxicity</b>	<b>Irritation - skin</b>	<b>Irritation - Eye</b>
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.

<b>Sensitization</b>	<b>Mutagenicity</b>	<b>Sub-chronic Toxicity</b>
N/DA	N/DA	N/DA

## Section 12: Ecological Information

### Ecotoxicological Information

<b>Acute Toxicity to Fish</b>	<b>Acute Toxicity to Invertebrates</b>	<b>Bioconcentration</b>	<b>Toxicity to Sewage Bacteria</b>
No Information Available	No Information Available	No Information Available	No Information Available

### Environmental Stability:

<b>Ethyl Acetate:</b>	compound can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is
<b>Butyl Acetate:</b>	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 -GND)

Excepted Quantity ( 49 CFR -173.4a) (≤ 30 ml)

Consumer Commodity, ORM-D (≤ 1.0 L)

UN1263 Paint ,3,II (>1.0 L)

### IATA (AIR):

Excepted Quantity ( Air Shipper 4.1.2) (≤ 30 ml)

Consumer Commodity,9, ID8000 ( ≤ 0.5 L)

UN1263 Paint ,3,II (> 0.5 L)

### IMDG (OCN):

Excepted Quantity (2008 IMO -3.5.1) (≤ 30 ml)

UN1263 Paint ,3,II LTD QTY(≤ 1.0 L)

UN1263 Paint ,3,II (> 1.0 L)

### TDGR (Canadian GND):

Mark Package "Limited Quantity" or "Quantite Limitee" or "LTD QTY" or "Quant Ltee" (≤ 1.0 L)

UN1263, Paint related material, 3, II, (>1.0 L)

### ADR/RID (EU):

UN 1263, Paint Related Material,3,II,ADR

### MEXICO (SCT):

UN1263, Pintura,3,II, Cantidad Limitada (≤ 1.0 L)

### ADGR(AUS):

UN1263, Paint, 3, II LTD QTY (≤ 1.0L)

### 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 Reporting Requirements:	SARA 304 (40 CFR Table 302.4)- Butyl Acetate, Ethyl Acetate

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.
CERCLA Reportable Quantity (RQ):	Butyl Acetate: 2270 kg; 5000 lbs.; Ethyl Acetate: 2270 kg; 5000 lbs.

#### State Regulations


CA Right-to-Know Law:	Ethyl Acetate CAS #141-78-6, Butyl Acetate CAS # 123-86-4,
California No Significant Risk Rule:	NONE
MA Right-to-Know Law:	Ethyl Acetate CAS #141-78-6, Butyl Acetate CAS # 123-86-4, Nitrocellulose CAS# 9004-70-0, Triphenyl Phosphate CAS# 115-86-6
NJ Right-to-Know Law:	Ethyl Acetate CAS #141-78-6, Butyl Acetate CAS # 123-86-4
PA Right-to-Know Law:	Ethyl Acetate CAS #141-78-6, Butyl Acetate CAS # 123-86-4, Triphenyl Phosphate CAS# 115-86-6
FL Right-to-Know Law:	Ethyl Acetate CAS #141-78-6, Butyl Acetate CAS # 123-86-4
MN Right-to-Know Law:	Ethyl Acetate CAS #141-78-6, Butyl Acetate CAS # 123-86-4, Triphenyl Phosphate CAS# 115-86-6

#### International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	Hydroxypropyl methacrylate CAS #27813-02-1 is on the DSL List. WHMIS = D2B Hydroxycyclohexyl phenyl ketone CAS# 947-19-3 is on the DSL list. WHMIS - n/da 2-Hydroxyethyl methacrylate CAE# 868-77-9 is on the DSL List. WHMIS - n/da Isobornyl Methacrylate CAS# 7534-94-3 is on the DSL list. WHMIS - n/da Ethyl Acetate CAS# 141-78-6 is on the DSL list. WHMIS= B2,D2B Butyl Acetate CAS # 123-86-4 is on the list. WHMIS + B2, D1B, D2B
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#### Section 16: Other information

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

European Community:	
	<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 no breathe vapor, <b>S29:</b> Do not empty into drains, <b>S33:</b> Take precautionary measures against.</li> </ul>

#### Hazard Symbols:

Xi - Irritants  
F - Flammable substances or preparations  
Xn - Harmful  
N - Dangerous to the environment

#### • RISK PHRASES:

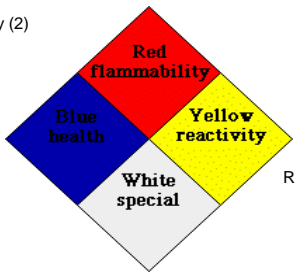
R10: Flammable  
R11: Highly Flammable  
R22: Harmful if swallowed  
R36: Irritating to eyes  
R36/38: Irritating to eyes and skin  
R36/38/37: Irritating to eyes, respiratory system, and skin  
R37/38: Irritating to respiratory system and skin  
R41: Risk of serious damage to eyes  
R43: May cause sensitization by skin contact.  
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
R66: Repeated exposure may cause skin dryness or cracking  
R67: Vapors may cause drowsiness and dizziness

#### • SAFETY PHRASES:

S2: Deep out of the reach of children  
S3/7: Keep container tightly closed in a cool place  
S7/9: Keep container tightly closed and in a well-ventilated place  
S13: Keep away from food, drink and animal foodstuffs  
S14: Keep away from polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and strong bases  
S16: Keep away from sources of ignition - No smoking  
S24/25: Avoid contact with skin and eyes  
S25: Avoid contact with eyes  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S27: Take off immediately all contaminated clothing  
S28: After contact with skin, wash immediately with plenty of soap and water for 15 minutes.  
S29: Do not empty into drains  
S30: Never add water to this product  
S33: Take precautionary measures against static discharges

- S35: this material and its container must be disposed of in a safe way
- S36: Wear suitable protective clothing
- S36/37: Wear suitable protective clothing and gloves
- S37/39: Wear suitable gloves and eye/face protection
- S46: If swallowed, seek medical advice immediately and show this container or label
- S60: This material and its container must be disposed of as hazardous waste
- S61: Avoid release to the environment. Refer to special instructions/safety data sheet
- 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> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <p>Flammability (2)</p>  <p>Health (2)</p> </div> <div style="text-align: center;"> <p>Reactivity (0)</p> </div> </div>	<p><b>HMS:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="background-color: #e6f2ff;">HEALTH</td><td style="width: 20px; height: 15px;"></td></tr> <tr><td style="background-color: #ffe4e1;">FLAMMABILITY</td><td style="width: 20px; height: 15px;"></td></tr> <tr><td style="background-color: #ffffcc;">REACTIVITY</td><td style="width: 20px; height: 15px;"></td></tr> <tr><td style="background-color: #e6e6e6;">PERSONAL PROTECTION</td><td style="width: 20px; height: 15px;"></td></tr> </table>	HEALTH		FLAMMABILITY		REACTIVITY		PERSONAL PROTECTION	
HEALTH									
FLAMMABILITY									
REACTIVITY									
PERSONAL PROTECTION									

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