



## Material Safety Data Sheet

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

**Product Name:** Soak Off Gel Polish

**Chemical Name:** Gel Polish

**Family:** Soak Off Gel Polish

**Product Use:** cosmetics

**Product #s :**

01333 / S2 / S3 / S4 / S8 / 67 /

01400 / 01 / 02 / 03 / 04

MSDS Prepared By/Date:

MSDS Approved by/ Date: 7/26/2013

**Manufacture:** Hand & Nail Harmony Inc

1545 Moonstone Brea, CA 92821

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

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

**Description:** Various Shades

### 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. Symptoms 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

Chemical Identity	CAS#	EINECS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
DI-Hema Trimethylhexyl Dicarbamate	Exempt	N/E	DI-Hema Trimethylhexyl Dicarbamate	N/E	N/E	Not Listed	30-60
Butyl Acetate	123-86-4	204-658-1	Butyl Acetate	N/E	N/E	Not Listed	5.0-10.0
Ethyl Acetate	141-78-6	205-500-4	Ethyl Acetate	N/E	N/E	Not Listed	3.0-10.0
HEMA	868-77-9	212-782-2	HEMA	N/E	N/E	Not Listed	3.0-10.0
Hydroxypropyl Methacrylate	27813-02-1	248-666-3	Hydroxypropyl Methacrylate	N/E	N/E	Not Listed	3.0-10.0
Isobornyl Methacrylate	7534-94-3	231-403-1	Isobornyl Methacrylate	N/E	N/E	Not Listed	3.0-10.0
Nitrocellulose	9004-70-0	N/A	Nitrocellulose	N/E	N/E	Not Listed	1.0-3.0
Alcohol Denat	64-17-5	200-578-6	SD Alcohol -40B	N/E	N/E	Not Listed	1.0-3.0
Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer	28407-73-0	N/A	Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer	N/E	N/E	Not Listed	1.0-3.0
Trimethyl Pentanyl Diisobutyrate	6846-50-0	229-934-9	Trimethyl Pentanyl Diisobutyrate	N/E	N/E	Not Listed	1.0-3.0
Isopropyl Alcohol	67-63-0	200-661-7	Isopropyl Alcohol	N/E	N/E	Not Listed	1.0-3.0
Triphenyl Phosphate	115-86-6	204-112-2	Triphenyl Phosphate	N/E	N/E	Not Listed	1.0-3.0
Ethyl Trimethylbenzoyl Phenylphosphinate	84434-11-7	282-810-6	Ethyl Trimethylbenzoyl Phenylphosphinate	N/E	N/E	Not Listed	1.0-3.0
Acrylates Copolymer	25035-69-2	N/A	Acrylates Copolymer	N/E	N/E	Not Listed	<1.0
Hydroxycyclohexyl Phenyl Ketone	947-19-3	213-426-9	Hydroxycyclohexyl Phenyl Ketone	N/E	N/E	Not Listed	<1.0
p-Hydroxyanisole	150-76-5	205-769-8	p-Hydroxyanisole	N/E	N/E	Not Listed	≤0.02
Hydroquinone	123-31-9	204-617-8	Hydroquinone	N/E	N/E	Not Listed	≤0.01

#### May Contain (+/-)7.0

Titanium Dioxide (CI 77891)	13463-67-7	236-675-5	Titanium Dioxide (CI 77891)	15 mg/m3	10 mg/m3	Not Listed	
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N/E - None Established

N/R - Not Reviewed

N/DA - No Data Available

N/A - Not Applicable

\* See section 16

Di-Hema Trimethylhexyl Dicarbamate

Hazard Symbol: Xi

Risk Phrases: R36/37/38

Safety Phrases: S14, S37/, S62

Butyl Acetate

Hazard Symbol: Xi

Risk Phrases: R36/38, R43

Safety Phrases: S2, S26

Ethyl Acetate

Hazard Symbol: Xi

Risk Phrases: R36/38, R43

Safety Phrases: S2, S26, S28

2-Hydroxy ethyl methacrylate:

Hazard Symbol: Xi

Risk Phrases: R36//37/38, R43

Safety Phrases: S26, S36/37

Hydroxypropyl Methacrylate:

Hazard Symbol: Xi

Risk Phrases: R36/37/38, R43

Safety Phrases: S26, S36/37

Isobornyl Methacrylate:

Hazard Symbol: Xi

Risk Phrases: R36/37/38

Safety Phrases: S26,S27,S28,S29,S30,S33,S35,S36

Triphenyl Phosphate

Hazard Symbol: N

Risk Phrases: R50/53

Safety Phrases: S16/23/25/29/33

TPO-L:

Hazard Symbol:

Risk Phrases: R99

Safety Phrases:

Isopropyl Alcohol:

Hazard Symbols: Xi, F

Risk Phrases: R11, R36, R67

Safety Phrases: S2, S7, S16, S24/25, S26

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

Flash Point ( °F/ °C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
> 35°F / 1.6°C estimated	No Data	No Data

<b>Method:</b>	Flammable. Keep away from heat, lit cigarettes, sparks & open flame .Keep containers closed
<b>WARNING:</b> Flammable. Keep away from heat, lit cigarettes, sparks & open flame .Keep containers closed	
<b>Extinguishing Media:</b>	Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.
<b>Fire Fighting Instructions:</b>	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

<b>Spill:</b>	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.
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#### Section 7: Handling and Storage

<b>Handling:</b>	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.
<b>Storage:</b>	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
<b>Special precautions</b>	Keep this materials away from heat, sparks, and open flame. Keep containers tightly closed when not in use.

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

<b>Engineering Controls</b>	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.
<b>Personal Protective Equipment</b>	
<b>General:</b>	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.
<b>Eye / Face Protection:</b>	Wear chemical splash goggles
<b>Skin Protection:</b>	Wear impervious gloves (Neoprene)
<b>Respiratory Protection:</b>	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	pH	Specific Gravity	Viscosity	%Volatile
viscous liquid	characteristic acrylate odor	NA	(H2O=1): 1.15	N/DA	By Volume: <7.0

Boiling Point/Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure:	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%)
> 35°F / 1.6°C estimated	No Data	No Data

#### Section 10: Stability and Reactivity

<b>Stability</b>	<b>Incapability (Material to Avoid):</b>
Normally Stable	Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and strong bases.
<b>Hazardous Decomposition Products:</b>	<b>Hazardous Polymerization:</b>
Fumes produced when heated to	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.
decomposition may include:	
carbon monoxide, carbon dioxide	
<b>Conditions to Avoid:</b>	
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	Acute Inhalation Toxicity	Irritation - skin	Irritation - Eye
No info available	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	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
No Information Available	No Information Available	No Information Available	No Information Available	No Information Available

**Environmental Stability:**

<b>Ethyl Acetate:</b>	removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is 6.1 hours.
<b>Butyl Acetate:</b>	can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is 6.1 hours.
<b>Isopropyl Alcohol:</b>	water, it is apt to volatilize and biodegrade. The estimated half-life in water is 5.4 days, Isopropyl alcohol is not expected to bioconcentrate.
<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)**

Proper Shipping Name: UN 1263, Paint Related Material, 3, II  
 Identification Number: UN1263  
 Marine Pollutant: Yes, Triphenyl Phosphate  
 Consumer Commodity ORM-D (≤1.0 L)

**Emergency Response Guidebook (ERG) #:****IATA (DGR):**

Proper Shipping Name: UN 1263, Paint Related Material, 3, II  
 Class or Division: 3  
 UN or ID Number: UN 1263  
 Consumer Commodity, 9, ID8000 (≤ 0.5 L)

**Emergency Response Guidance (ICAO) #:****IMO (IMDG):**

Proper Shipping Name: UN 1263, Paint Related Material, 3, II  
 Class or Division: 3  
 UN or ID Number: UN1263  
 Special Provisions & Stowage/Segregation:

**Emergency Schedule (EmS) #:**

**TDGR (Cabdan GND):** Mark Package "Limited Quantity" or "Quantite Limitee" or "LTD QTY" or "Quant Ltee" (≤ 1.0 L)  
 UN1263, Paint, 3, II, (>1.0 L)

**ADR/RID (EU):** UN 1263, Paint Related Material, 3, II, ADR

**Other Information:**

**MEXICO (SCT):** UN1263, Pintura, 3, II, Cantidad Limitada (≤ 1.0L)

**ADGR(AUS):** UN1263, Paint, 3, II 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 I 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:	Titanium Oxide CAS # 13463-67-7, 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:	Titanium Oxide CAS # 13463-67-7, Ethyl Acetate CAS #141-78-6, Butyl Acetate CAS # 123-86-4
PA Right-to-Know Law:	Titanium Oxide CAS # 13463-67-7, Ethyl Acetate CAS #141-78-6, Butyl Acetate CAS # 123-86-4, Triphenyl Phosphate CAS# 115-86-6
FL Right-to-Know Law:	Titanium Oxide CAS # 13463-67-7, Ethyl Acetate CAS #141-78-6, Butyl Acetate CAS # 123-86-4
MN Right-to-Know Law:	Titanium Oxide CAS # 13463-67-7, 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 CASE# 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 Titanium Dioxide CAS# 13463-67-7 WHMIS- not controlled  D&C Violet 2/C160725 CAS # 81-48 is not 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 Acrylates Copolymer CAS # 25035-69-2 is on the DSL list. WHMIS= N/DA
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**Labeling according to EC Directives - 1999/45/EC**

European Community:    	<b>HNH Base Gel:</b> <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</li> <li><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</li> <li><b>R53</b> May cause long term adverse effect in the aquatic environment, <b>R65</b> Harmful, may cause lung damage</li> <li><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>
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**EU Classes and Risk / Safety Phrases :**

**Hazard Symbols:**

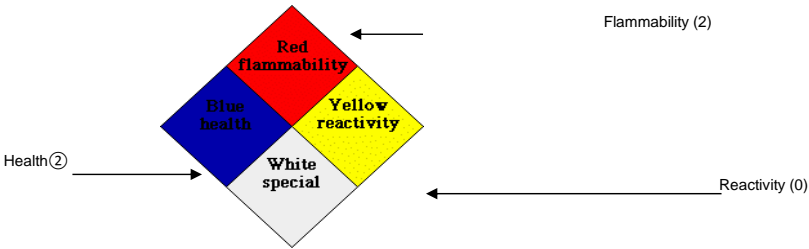

Xi - Irritants  
F - Flammable substances or preparations  
Xn: Harmful

• **RISK PHRASES: R22:** Harmful if swallowed, **R36/38/37:** Irritating to eyes, respiratory system, and skin, **R43:** May cause sensitization by skin contact. **R10** Flammable, **R11** Highly Flammable, **R20** Harmful by inhalation  
**R21** Harmful in contact with the skin, **R41** Risk of serious damage to eyes, **R50** Very toxic to aquatic organisms  
**R53** May cause long term adverse effect in the aquatic environment, **R65** Harmful, may cause lung damage

**R66** Repeated exposure may cause skin dryness or cracking, **R67** Vapors may cause drowsiness and dizziness  
• **SAFETY PHRASES: S18:** Handle and open container with care, **S24/25:** avoid contact with skin and eyes, **S36/37:**

Wear suitable protective clothing and gloves, **S38:** in case of insufficient ventilation, wear suitable respiratory equipment. **S16:** Keep away from sources of ignition-No Smoking, **S23:** Do not breathe vapor,  
**S2** Keep out of reach of children; **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; **S27** Take off immediately all contaminated clothing; **S28** After contact with skin, wash immediately with plenty of water; **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;  
**S62** If swallowed, do not induce vomiting: seek medical advice immediately and show the container or label

**Hazard Rating System (Pictograms)**

<b>NFPA:</b>		<b>HMIS:</b>	
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