

Material Safety Data Sheet

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

Product Name: Soak Off Gel
Chemical Name: Gel Polish

Family: Soak Off Gel

Product Use: cosmetics

Product # : 01555 / 56 / 57 / 58 / 59
01620 / 22 / 23

Description: Various Shades

MSDS Prepared Date: 1/21/2014
Updated: 3/4/2014

Manufacture: Hand & Nail Harmony Inc
1545 Moonstone Brea, CA 92821
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. 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	41137-60-4 /72869-86-4	276-957-5	DI-HEMA Trimethylhexyl Dicarbamate	N/E	N/E	Not Listed	40.0-65.0
Butyl Acetate	123-86-4	204-658-1	Butyl Acetate	N/E	N/E	Not Listed	20.0-35.0
Ethyl Acetate	141-78-6	205-500-4	Ethyl Acetate	N/E	N/E	Not Listed	10.0-20.0
HEMA	868-77-9	212-782-2	HEMA	N/E	N/E	Not Listed	10.0-20.0
Hydroxypropyl Methacrylate	27813-02-1	248-666-3	Hydroxypropyl Methacrylate	N/E	N/E	Not Listed	10.0-20.0
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	5.0-15.0
Isopropyl Alcohol	67-63-0	200-661-7	Isopropyl Alcohol	N/E	N/E	Not Listed	5.0-15.0
Nitrocellulose	9004-70-0	N/A	Nitrocellulose	N/E	N/E	Not Listed	5.0-15.0
Phthalic Anhydride/Trimellitic Anhydride/Glycols Copolymer	N/A	N/A	Phthalic Anhydride/Trimellitic Anhydride/Glycols Copolymer	N/E	N/E	Not Listed	5.0-15.0
Isobornyl Methacrylate	7534-94-3	231-403-1	Isobornyl Methacrylate	N/E	N/E	Not Listed	5.0-15.0
Ethyl Trimethylbenzoyl Phenylphosphinate	84434-11-7	282-810-6	Ethyl Trimethylbenzoyl Phenylphosphinate	N/E	N/E	Not Listed	1.0-5.0
n-Butyl Alcohol	71-36-3	200-751-6	n-Butyl Alcohol	N/E	N/E	Not Listed	1.0-5.0
Propyl Acetate	109-60-4	203-686-1	Propyl Acetate	N/E	N/E	Not Listed	1.0-5.0
Triphenyl Phosphate	115-86-6	204-112-2	Triphenyl Phosphate	N/E	N/E	Not Listed	1.0-5.0
Acetyl Tributyl Citrate	77-90-7	201-067-0	Acetyl Tributyl Citrate	N/E	N/E	Not Listed	<1.0
Camphor	76-22-2	207-355-2	Camphor	N/E	N/E	Not Listed	<1.0
Diacetone Alcohol	123-42-2	204-626-7	Diacetone Alcohol	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
Stearalkonium Bentonite	130501-87-0	N/A	Stearalkonium Bentonite	N/E	N/E	Not Listed	<1.0
Stearalkonium Hectorite	12691-60-0	305-633-9	Stearalkonium Hectorite	N/E	N/E	Not Listed	<1.0
Sucrose Acetate Isobutyrate	126-13-6	204-771-6	Sucrose Acetate Isobutyrate	N/E	N/E	Not Listed	<1.0
Benzophenone-1	131-56-6	205-029-4	Benzophenone-1	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	≤0.02

May Contain (+/-)

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/DA - No Data Available

* See section 16

N/R - Not Reviewed

N/A - Not Applicable

Di-Hema Trimethylhexyl Dicarbamate
Butyl Acetate
Ethyl Acetate

Hazard Symbol: Xi
Hazard Symbol: Xi
Hazard Symbol: Xi

Risk Phrases: R36/37/38
Risk Phrases: R36/38, R43
Risk Phrases: R36/38, R43

Safety Phrases: S14, S37, S62
Safety Phrases: S2, S26
Safety Phrases: S2, S26

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 15 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. If the victim is conscious and alert, vomiting should be induced for ingestion of large amounts preferably with syrup of ipecac under direction from a physician or poison center.

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

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 prolonged 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	pH	Specific Gravity	Viscosity	% Volatile
viscous liquid	characteristic acrylate odor	NA	(H2O=1): 0.95 - 1.0	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%)
45°F / 7.0 ° 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	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:

Ethyl Acetate:	Koc= 0.73. Water Solubility: 64,000 mg/l. Bioconcentration Factor= 4-14. Bioconcentration is not anticipated to be significant. This compound can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is 6.1 hours.
Butyl Acetate:	Koc= 1.8. Water Solubility: 120 Parts H2O at 25°C (77°F). Bioconcentration Factor= 4-14. Bioconcentration is not anticipated to be significant. This compound can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is 6.1 hours.
Isopropyl Alcohol:	Low Kow= 0.05-0.14. Isopropyl alcohol occurs naturally; it is generated during microbial degradation of plant and animal wastes. When 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 expected to bioconcentrate.
Chemical Fate Information	
Biodegradability	No Information Available
Chemical Oxygen Demand	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 (Cabdian 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"> NONE 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"> NONE 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"> Immediate (acute) health hazard Delayed (chronic) health hazard Reactive hazard
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/CI60725 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: 	HNH Base Gel: <ul style="list-style-type: none"> HAZARD SYMBOLS: Xi irritant, F: Flammable, 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, S29: Do not empty into drains, S33: Take precautionary measures against.
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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;

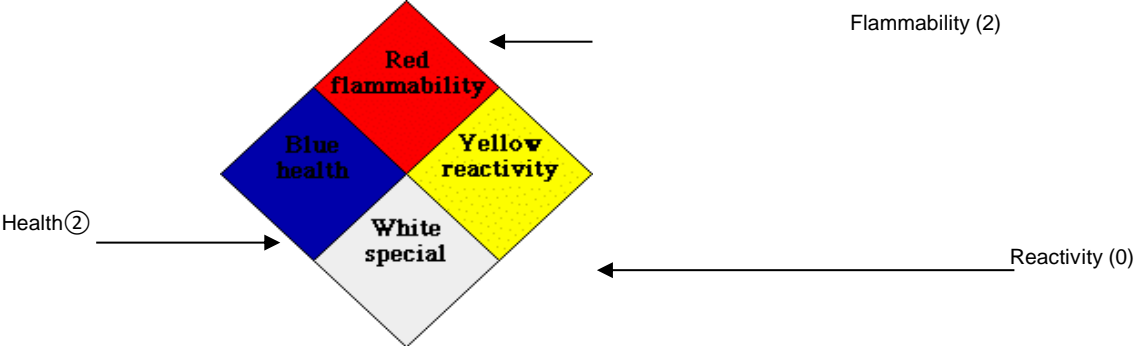
S30 Never add water to this product; **S33** Take precautionary measures against static discharges; **S35** This material and its container must be disposed of in a safe way;

S62 If swallowed, do not induce vomiting; seek medical advice immediately and show the container or label

Section 16: Other Information

Hazard Rating System (Pictograms)

NFPA:



HMIS:

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

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Mariana Arias
Regulatory Manager

