

Material Safety Data Sheet

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

Product Name: Hard Gel LED	MSDS Approved by/Date: 1/24/2013
Product Use: Cosmetics	Manufacture: Artistic Nail Design, Inc Nail Alliance – Artistic, Inc, Missouri USA
Product #s	Descriptions:
02201	Hardcore Pink Building Gel
02202	Hardcore White Building Gel
02203	Hardcore Clear Building Gel
02205	Head Liner Brush-on Clear Gel
	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	10-25
Hydroxypropyl Methacrylate	27813-02-1	248-666-3	N/E	N/E	Not Listed	1-5
PEG-4 Dimethacrylate	N/A	N/A	N/E	N/E	Not Listed	1-5
Ethyl trimethylbenzoyl phenylphosphinate	84434-11-7	282-810-6	N/E	N/E	Not Listed	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

May Contain (+/-) < 1.0

Titanium Dioxide (CI 77891)	13463-67-7	236-675-5	15 mgm3	15 mgm3	Not Listed	
Blue 1 (CI 42090)	68921-42-6	272-936-6	N/E	N/E	Not Listed	
Red 34 (CI 15880)	6417-83-0	229-142-3	N/E	N/E	Not Listed	
Red 6 (CI 15850)	5858-81-1	227-497-9	N/E	N/E	Not Listed	
Yellow 10 (CI 47005)	8004-92-0	305-632-3	N/E	N/E	Not Listed	
Red 7 (CI 15850)	5281-04-9	226-109-5	N/E	N/E	Not Listed	
Yellow 5 (CI 19140)	8004-92-0	305-632-3	N/E	N/E	Not Listed	
Violet 2 (CI 60725)	81-48-1	201-352-5	N/E	N/E	Not Listed	

N/E - None Established

N/DA - No Data Available

* See section 16

N/R - Not Reviewed

N/A - Not Applicable

Polyurethane Acrylate Oligomer: Hazard Symbol: Xi Risk Phrases: R36/37/38 Safety Phrases: S3/7, S36/37, S62

Trimethylolpropane Trimethacrylate Esters Hazard Symbol: Xi Risk Phrases: R36/37/38 Safety Phrases: S26

Tetraethylene Glycol Dimethacrylate Hazard Symbol: Xi Risk Phrases: R36/38 Safety Phrases: S21, S24/25, S26, S41

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 in 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
Tan/Peach/Beige movable viscous gel	characteristic acrylate odor	NA	(H20=1): 1.12	N/DA	By Volume: <0.5

Boiling Point/Freezing Point	Decomposition Temperature	Octanol/water Partitioning Coefficient Log P _{ow}	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

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

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 ODS's
Clean Water Act: Priority Pollutant	This product contains no chemicals listed under the US Clean Water Act Priority Pollutant 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"> 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 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"> Immediate (acute) health hazard Delayed (chronic) health hazard Reactive hazard
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:	Titanium Dioxide CAS # 13263-67-7
NJ Right-to-Know Law:	Titanium Dioxide CAS # 13263-67-7
PA Right-to-Know Law:	Titanium Dioxide CAS # 13263-67-7
FL Right-to-Know Law:	This product contains the following hazardous components subject to disclosure under Florida Right-To-Know Legislation: NONE
MN Right-to-Know Law:	Titanium Dioxide CAS # 13263-67-7

International Regulations

CDSL: Canadian Inventory	Hydroxycyclohexyl Phenyl Kerotene CAS # 947-19-3 is on the DSL List. WHMIS=N/DA PEG-4 Dimethacrylate CAS# 109-17-1 is not on the DSL List. WHMIS = N/DA Trimethylolpropane Trimethacrylate CAS # 3290-92-4 is on the DSL List. WHMIS = N/DA Titanium Dioxide (CI77891) CAS # 13463-67-7 is on the DSL List. WHMIS = N/DA
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Labeling according to EC Directives - 1999/45/EC

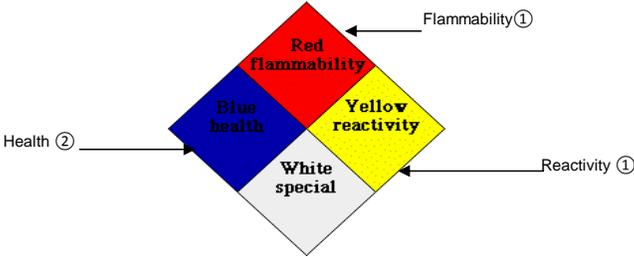
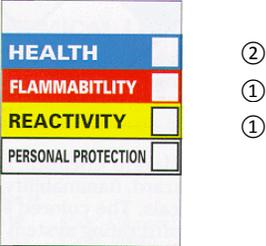
European Community: 	Gelish Hard LED Gels: <ul style="list-style-type: none"> • HAZARD SYMBOLS: Xi: Irritant • RISK PHRASES: R20: Harmful by inhalation, R43: May cause sensitization by skin contact. • SAFETY PHRASES: S24/25: avoid contact with skin and eyes, S28A: After contact with skin, wash immediate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

<p>NFPA:</p> 	<p>HMIS:</p> 
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OSHA PEL for nuisance dust: 15 mg/m³ (total dust) 5 mg/m³ (respirable dust)

ACGIH PEL for nuisance dust: 10 mg/m³

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Hand & Nail Harmony • Brea, CA 92821

