Material Safety Data Sheet UV Liquid

Section 1 – Identification

Product Name: **UV LIQUID**

Chemical Name: N/A

Family: Odourless Monomer
Product Use: Nail Liquid

PRODUCT#: UV LIQUID

Manufacturer: NAILITE
4530 N HIATUS ROAD #109 SUNRISE, FL 33351
Information Contacts: (954) 741-2924
Emergency Phone Numbers: US & Canada (954) 741-2924

Emergency Phone Numbers: International: 1-352-323-3500

Section 2 – Hazards Identification

EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- May cause eye irritation.
- May cause skin irritation.
- Avoid prolonged or repeated breathing of gases, vapors or mists.
- Please read entire MSDS for additional information.

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry	Inhalation , skin , eyes
Eye	Vapor concentrations may cause irritation of eyes. Liquid contact with eyes can cause irritation and possible corneal damage.
Skin	Liquid concentration may cause moderate skin irritation. Repeated or prolonged contact may cause allergic skin rashes, itching and swelling which becomes evident on re-exposure to this product.
Ingestion	The normal effects of this product have not been fully investigated.
Inhalation	No Significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of inhalation.
Sub-Chronic Effects	No chronic effects are known. Basic material is non-toxic but may be poisonous.

NOTE: Refer to Section 11, Toxicological Information for Details

Section 3 – Composition/Information on Ingredients

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure Limits OSHA TWA/STEL	ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Triethylene glycol dimethacrylate esters	109-16-0	202-617-2	Triethyleneglycol Dimethacrylate	N/E	N/E	Not Listed	95-99
Hydroxycyclohexyl phenyl ketone	947-19-3	213-426-9	Hydroxycyclohexyl phenyl ketone	N/E	N/E	Not Listed	1-3
Benzophenone	119-61-9	204-337-6	Benzophenone	N/E	N/E	Not Listed	0-1
D&C Violet #2	81-48-1	201-353-5	Violet 2/CI 60725	N/E	N/E	Not Listed	0-1
4-Methoxyphenol	150-76-5	205-769-8	p-Hydroxyanisole	5 mg/m3	5 mg/m3	Not Listed	0-1

N/E – None Established
N/R – Not Reviewed
N/DA – No Data Available
N/A – Not Applicable

Triethylene Glycol Dimethacrylate: Hazard Symbol – Xi Risk Phrases – R37, R43 Safety Phrases – S2, S24, S37
Hydroxycyclohexyl Phenyl Ketone: Hazard Symbol: Xi Risk Phrases: R36, R37, R38 Safety Phrases: S26, S37

See Section 16 for Risk and Safety Phrase Key

Section 4 – First Aid Measures

First Aid for Eye	Flush with water for 15 minutes, including under eyelids. Obtain medical attention without delay, preferably from an opthalmologist.
First Aid for Skin	Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Seek medical attention if discomfort persists.

First Aid for Inhalation: Remove to fresh air. If having breathing difficulty, give oxygen. If breathing has stopped, give artificial respiration. Get medical help if discomfort persists.

First Aid for Ingestion: If swallowed, get medical attention immediately. Only induce vomiting if directed by a physician. Never give anything by mouth to an unconscious person.

Section 5 – Fire Fighting Measures

Flash Point(°F/°C)	Flammable Limit(vol%)	Auto-ignition Temperature(vol%)
Penskie-Martin Closed Cup: 200°F/93ºC	N/DA	N/DA

Method:

Extinguishing Media: Dry Chemical, CO2, Water Spray, Foam, Water Fog

Fire Fighting Instructions: Wear self-contained breathing apparatus and full protective gear. Water may be ineffective unless used as a fine spray or fog. Use water spray to cool the exposed containers of the monomer.

Unusual Hazards: Decomposition of products may be possible. Heat/impurities may increase temperature/build pressure/rupture of closed containers may spread fire, increasing the risk of burns/injuries. Notify authorities if liquid enters sewer/public waters.

Section 6 – Accidental Release Measures

Spill or Release Procedures: Use absorbent material for spills and dike it, wash spill material into retaining containers. Place containers in a well ventilated area. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. 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.

Section 7 – Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist . Use with adequate ventilation. Follow all MSDS/label precautions even after the container is emptied because it may retain product residues. Wash thoroughly after handling.

Storage: Store in a cool, dry area. Keep container closed when not in use. Store at ambient temperatures out of direct sunlight. Store in a well ventilated place. Store below 85°F, keep away from heat and light, oxidizing agents, reducing agents and photoinitaiators.

Explosion Hazard: Avoid high temperatures.

Section 8 – Exposure Controls / Personal Protection

Engineering Controls: Use adequate ventilation. Use explosion-proof ventilation equipment.

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) 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 suit. Nitrile rubber is better than PVC.

Eye/ Face Protection: Wear safety glasses. Wear coverall chemical splash goggles and face shield when possibility exists for eye and face contact due to splashing or spraying material.

Skin Protection: Use impermeable clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Neoprene and Nitrile rubber is better than PVC.

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 exsposure limits. Protection provided by air purifying respirators is limited. Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepeice airline respirator in the positive pressure mode with emergency escape provisions. Follow OSHA repsirator regulations found in 29 CFR 1910.134 or Eurpean Standard EN 149.

Section 9 – Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Clear to Blue-violet liquid	Ester like odor	N/A	(H20=1): 1.10	9mPa s at 20 deg C	N/A

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)
483ºF	N/A	N/A	mm Hg: 0.1 @ 77ºF	(Air =1) : >1	Slower than butyl acetate	N/A	Partially soluble

Flash Point(°F/°C)	Flammable Limit(vol%)	Auto-ignition Temperature(vol%)
Penskie-Martin Closed Cup: 200°F/93ºC	N/DA	N/DA

Section 10 – Stability and Reactivity

Stability:
Stable
Hazardous Decomposition Products:
Unknown
Conditions to Avoid:
Uv light, heat source, free radical initiators

Incompatibility (Materials to Avoid):
Free radical initiators, strong oxidizing agents
Hazardous Polymerization:
May occur

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 the monomers. 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 ecotoxocological 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.
Material may be incinerated or use biological treatment in accordance with federal, state, and local regulations. For EU Member States, 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:	Non-Regulated Material
Identification Number:	N/A
Marine Pollutant:	No
Special Provisions:	N/A
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:	
Emergency Response Guidance (ICAO)#:	
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)#:	
Other Information:	**Flash point = 93ºC**

Section 15 – Regulatory Information

US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP's) as defined by the U. S. Clean Air Act: • Benzophenone, CAS #119-61-9 (SOCMI) This product does not contain any Class1 or Class 2 ODS.
Clean Water Act:	This product contains no chemicals listed under the U. S. 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: • Immediate (acute) health 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: • Immediate (acute) health hazard
SARA Title III: Section 313:	This product contains no substances 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: TSCA Significant New Use Rule:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements. None of the chemicals in this material have a SNUR under TSCA.

State Regulations

CA Right-to-Know Law: California No Significant Risk Rule:	NONE 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:	Benzophenone CAS #119-61-9.

International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	Triethylene glycol dimethacrylate esters CAS# 109-16-0 is on the DSL List. WHMIS = n/da Hydroxycyclohexyl phenyl ketone CAS# 947-19-3 is on the DSl List. WHMIS = n/da Benzophenone CAS #119-61-9 is on the DSL list. WHMIS = n/da Violet 2 CAS# 81-48-1 is on the DSL List. WHMIS = n/da 4-Methoxyphenol CAS# 150-76-5 is on the DSL List. WHMIS = n/da

Labeling according to EC Directives – 1999/45/EC

European Community: 	• HAZARD SYMBOLS: **Xi:** *Irritant* • RISK PHRASES: **R22:** *Harmful if swallowed,* **R36/38:** *Irritating to eyes and skin*, **R43:** *May cause sensitization by skin contact.* • 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.*

Section 16 – Other Information

EU Classes and Risk / Safety Phrases for Referenced Ingredients (See Section 2):

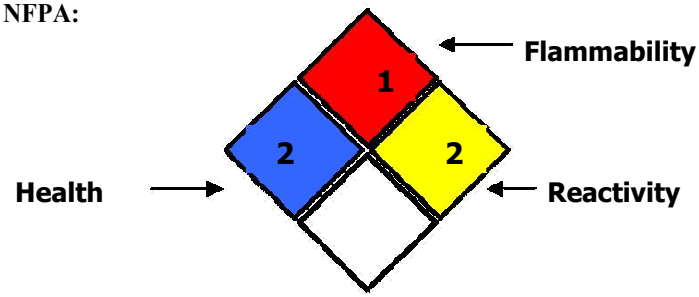
Hazard Symbols:
Xi - Irritants

Risk Phrases:
R36 Irritating to eyes; R37 Irritating to respiratory system; R38 Irritating to skin; R43 May cause ensitization by skin contact

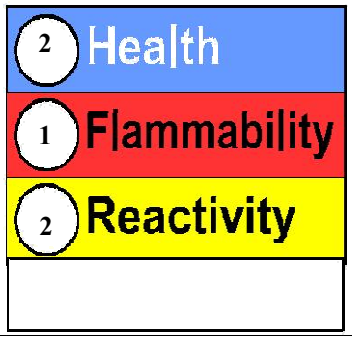
Safety Phrases:
S2 Keep out of the reach of children; S24 Avoid contact with skin; S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice; S37 Wear suitable gloves

Hazard Rating System (Pictograms)

NFPA:



HMIS:



MSDS Prepared by:	BSQ

Revision History:	Overall Format Update, All sections updated
	09/18/2008 Updated section 16
	10/21/2008 Updated Format
	11/11/2008 Updated Risk and Safety Phrases
	12/10/2008 Updated specific gravity
	03/17/2009 Updated to meet Globally Harmonized System requirements. Added the EU address to section 1. Switched location of section 2 with section 3. Changed the title in sections 1, 8, and 13. Moved MSDS preparation to section 16.
	02/01/2010 Added international emergency phone number to section 1

OSHA PEL for nuisance dust: 15 mg/m^3 (total dust) 5 mg/m^3 (respirable dust)
ACGIH PEL for nuisance dust: 10 mg/m^3

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