SECTION I: PREPARATION IDENTIFICATION AND COMPANY INFORMATION

MANUFACTURER'S NAME: ENTITY BEAUTY INC.

ADDRESS: 440 W. ONTARIO STREET
CHICAGO, IL 60654 USA

PRODUCT CODE:

PRODUCT TYPE: NAIL COATING

PRODUCT USE: NAIL GEL

EMERGENCY TELEPHONE NO: 1 800 535 5053
INFORMATION CONTACT: INFOTRAC

ENTITY'S FORMULA NUMBER: CONFIDENTIAL

FAMILY: UV GELS

TRADE NAME: ENTITY ONE GEL UV TOP COAT

ISSUED: 22 JUNE 2007 (REVISION 1)

SECTION II: COMPOSITION AND INGREDIENT INFORMATION

CAS Number	EINECS#	U. S. INCI	EU INCI	R Phrase	S Phrase
Not known	None	Polyurethane acrylate oligomer	Polyurethane acrylate oligomer	none	none
109-17-1	203-653-1	PEG-4 dimethacrylate	PEG-4 dimethacrylate	none	none
97-63-2	202-597-5	Ethyl methacrylate	Ethyl methacrylate	11,36/37/38, 43	2,9,16, 29,33
947-19-3	213-426-9	Hydroxycyclohexyl phenyl ketone	Hydroxycyclohexyl phenyl ketone	none	none
81-48-1	201-353-5	Violet 2	Violet 2	none	none

Hazard Symbols: Xi F
Safety Phrases: S2, S9, S16, S29, S33 **Risk Phrases:** R11, R36/37/38, R43

Chemical Identity	Exposure Limits OSHA TWA/STEL	ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Polyurethane acrylate oligomer	N/E	N/E	Not listed	70-75
PEG-4 dimethacrylate	N/E	N/E	Not listed	15-20
Ethyl methacrylate	100 ppm	100 ppm	Not listed	5-10
Hydroxycyclohexyl phenyl ketone	N/E	N/E	Not listed	1-3
Violet 2	N/E	N/E	Not listed	0-1
				N/E =None Established

SECTION III: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

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

- Flammable liquid and vapour!
- May cause eye irritation. May cause respiratory irritation.
- May cause skin irritation.
- May cause skin sensitization
- Risk phrases - **R11:** *highly flammable,* **R36/37/38:** *Irritating to eyes, respiratory system and skin,* **R43:** *may cause sensitization by skin contact*
- Please read entire MSDS for additional information.

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry: Inhalation, skin, eyes, ingestion

Eye: Vapour or liquid exposure may cause irritation of eyes. Symptoms of exposure may include stinging, tearing and/or redness.

Skin: Liquid concentration may cause skin irritation. Repeated or prolonged contact may cause skin sensitization.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Inhalation: High vapour concentrations may irritate the respiratory system. Prolonged exposure can lead to dizziness and suffocation.

Chronic Health Effects Unlikely to present a cancer hazard in man.

NOTE: Refer to Section 11, Toxicological Information for Details

SECTION IV: FIRST AID MEASURES

First Aid for Eye: Flush with water for 15 minutes, including under eyelids. Seek medical attention if discomfort persists.

First Aid for Skin: Wash thoroughly with soap and water. Remove contaminated clothing and wash before re-use. Seek medical attention if discomfort persists.

First Aid for Inhalation: Remove to fresh air. Seek medical attention immediately. If having breathing difficulty, give oxygen.

First Aid for Ingestion: Seek medical advice immediately. Remove to fresh air. Rinse out mouth with water or induce vomiting only if directed by a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to avoid aspiration into lungs.

SECTION V: FIRE FIGHTING MEASURES

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
Pensky-Martin: 110°F/43°C	No data	No data

Method: **UN number: UN1263**

Extinguishing Media: Foam, carbon dioxide, dry chemical

Fire Fighting Instructions: Remove all ignition sources. Wear self-contained breathing apparatus and full protective clothing. Water spray or running water may be used to keep fire-exposed containers cool.

Unusual Hazards: Flammable. High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and violent rupture of storage vessels or containers. Avoid the use of a stream of water to control fires since frothing can occur.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Spill or Release Procedures: Eliminate all sources of heat and ignition. Use suitable protective clothing. 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. Use non-sparking tools and equipment. 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 use combustible materials, such as sawdust. Do not flush to sewer - although product is not labelled as dangerous to the environment
EU Regulations require the consultation of Directive 98/24/EC. If a leak or spill has not ignited, use water spray to disperse the vapours, to protect personnel attempting to stop leak, and to flush spills away from exposures.
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. .

SECTION VII: HANDLING AND STORAGE

Handling: Keep away from heat, sparks and other sources of ignition. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Wash thoroughly after handling.

Storage: Storein 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 in accordance with National Fire Protection Association recommendations.

Explosion Hazard: Avoid ignition sources or excessive temperatures. Closed containers may rupture explosively.

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. 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) or UK CoSHH regulations (or other appropriate EU legislation) 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 bodysuit. Nitrile rubber is better than PVC.

For professional use in beauty salons, the use of a fan is recommended to provide fresh air supplies to operator.

Always check suitability of equipment with the supplier.

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 a whole body suit. Neoprene and nitrile rubber is better than PVC.
Respiratory Protection:	A NIOSH/MSHA approved air purifying respirator with an organic vapour cartridge or canister may be permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Wear a NIOSH/MSHA or European Standard EN 149 approved full-face piece airline respirator in the positive pressure mode with emergency escape provisions. Follow OSHA respirator regulations found in 29 CFR 1910.134 or Eurpean Standard 149.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	**Odour & Odour Threshold**	**pH**	**Specific Gravity**	**Viscosity**	**% Volatile -**	**Solubility In Water** (20°C)
Clear, semi-viscous liquid	Acrylate odour	N/A	(H_2O=1): 1.15	N/A	<0.5% by volume	insoluble

Boiling Point/ Freezing Point	**Decomposition Temperature**	**Octanol/Water Partitioning Coefficient**	**Vapour Pressure:**	**Vapour Density**	**Evaporation Rate**	**Ignition**
N/DA	N/DA	N/A	mm Hg: <0.01 @ 20°C	(Air=1): N/DA	Isopropyl alcohol = 1 : N/DA	N/A

Flash Point (°F/°C)	**Flammable Limit (vol%)**	**Auto-ignition Temperature (vol%)**
Pensky-Martin: 110°F/ 43°C	No data	No data

SECTION X: STABILITY AND REACTIVITY

Stability:
Chemically stable under normal conditions

Incompatibility (Materials to Avoid):
Polymerization initiators including peroxides, strong oxidizing agents, copper alloys, carbon steel, iron, rust and strong bases.

Hazardous Decomposition Products:
Oxides of nitrogen, carbon.

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˚F, exposure to light, loss of dissolved air, loss of polymerization inhibitor,contminations with incompatible materials.

SECTION XI: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	**Acute Dermal Toxicity**	**Acute Inhalation Toxicity**	**Irritation - skin**	**Irritation - Eye**
No data	No data	No data	ethyl acrylate is an irritant	ethyl acrylate is an irritant

Sensitisation	**Mutagenicity**	**Sub-chronic Toxicity**
ethyl acrylate may cause skin sensitization	No data	No data

SECTION XII: ECOLOGICAL INFORMATION

Ecotoxicological Information

Acute Toxicity to Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
No data	No data	No data	No data	No data

Chemical Fate Information

Biodegradability	No data
Chemical Oxygen Demand	No data

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 XIII: DISPOSAL CONSIDERATIONS

Dispose of diking and absorbent materials 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.
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.

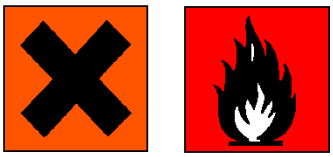
Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements

SECTION XIV: TRANSPORT INFORMATION

DOT (49 CFR 172)	
Proper Shipping Name:	Flammable liquids, n.o.s., (ethyl methacrylate, acrylic esters), 3, PGIII
Identification Number:	UN1993
Marine Pollutant:	No
Special Provisions:	T8, T31
Emergency Response Guidebook (ERG) #:	**128**
IATA (DGR):	
Proper Shipping Name:	Flammable liquids, n.o.s., (ethyl methacrylate, acrylic esters), 3, PGIII
Class or Division:	3
UN or ID Number:	UN1993
Packaging Instructions:	PGII
Emergency Response Guidance (ICAO)#:	**305, 307**
IMO (IMDG):	
Proper Shipping Name:	Flammable liquids, n.o.s., (ethyl methacrylate, acrylic esters), 3, PGIII
Class or Division:	3
UN or ID Number:	UN1993
Special Provisions & Stowage/Segregation:	None
Emergency Schedule (EmS)#:	
Other Information:	**Flash point = 43°C**

SECTION XV: REGULATORY INFORMATION

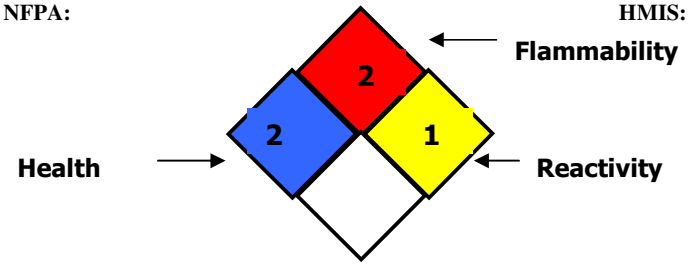
International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	Ethyl methacrylate DSL regulatory status: Included, WHMIS: B2: flammable liquid, D-2B:Toxic Tetraethyleneglycol diacrylate DSL regulatory status: Included, WHMIS: not listed Hydroxycyclohexyl phenyl ketone DSL regulatory status: Included, WHMIS: not listed D&C Violet #2 DSL regulatory status: Included, WHMIS: not listed
EINECS: European Inventory: 	**# UV GEL TOP COAT:** • HAZARD SYMBOLS: **Xi, F:** *Irritant, Flammable* • RISK PHRASES: • **R11**: *highly flammable,* • **R36/37/38:** *Irritating to eyes. respiratory system and skin* **R43:** *may cause sensitization by skin contact* SAFETY PHRASES: **S2:** *keep container in a well ventilated place,* **S9:** *keep container tightly closed* **S16:** *keep away from sources of ignition- no smoking,* **S29**: *do not empty into drains* **S33**: *Take precautionary measures against static discharges*

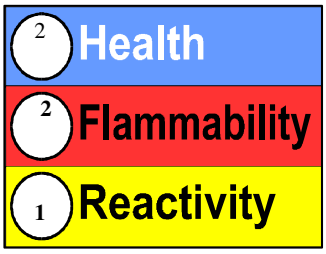
SECTION XVI: OTHER INFORMATION

Hazard Rating System (Pictograms)

NFPA:



HMIS:



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