

MATERIAL SAFETY DATA SHEET

FILE NO.: S249090-
S249094



GeLavish Enhance-It

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: GeLavish Enhance-It
CHEMICAL NAME: N/A
CHEMICAL FAMILY: UV Gels
PRODUCT USE: Nail Gel
EMERGENCY PHONE: Info-Trac 1-352-323-3500
MANUFACTURER: International Nail Manufacturers (inm)
DIVISION: Nail Cartel, Inc.
ADDRESS: 1221 N. Lakeview Ave.
PHONE: 714-779-9892
FAX: 714-779-9971
MSDS DATE: 10/25/2011
PREPARED BY: Garret Kellenberger-Production Manager

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Polyurethane Acrylate Oligomer	Exempt	N/E	Di-Hema Trimethylhexyl Dicarbamate*	N/E	N/E	Not Listed	55-65
2-Hydroxyethyl Methacrylate	868-77-9	212-782-2	HEMA	N/E	N/E	Not Listed	8-13
Hydroxypropyl Methacrylate	27813-02-1	248-666-3	Hydroxypropyl methacrylate	N/E	N/E	Not Listed	8-13
Polyethylene Glycol 400 Dimethacrylate	25852-47-5	N/E	Polyethylene Glycol 400 Dimethacrylate	N/E	N/E	Not Listed	3-8
Isopropyl Alcohol	67-63-0	200-661-7	Isopropyl Alcohol	400 ppm	400 ppm	3/none/none	0-3
n-Butyl Acetate	123-86-4	204-658-1	Butyl Acetate	150 ppm	150 PPM	Not Listed	0-3
Ethyl Acetate	141-78-6	205-500-4	Ethyl Acetate	400 ppm	400 ppm	No/no/no	0-3
Hydroxycyclohexyl phenyl ketone	947-19-3	213-426-9	Hydroxycyclohexyl phenyl ketone	N/E	N/E	Not Listed	0-1
Mica							0-1

May Contain the Following: Please see Section 16 for additional compounds

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: S14, S37, S62
2-Hydroxy ethyl methacrylate: Hazard Symbols – Xi Risk Phrases – R36/38, R43 Safety Phrases – S2, S26, S28
Hydroxypropyl Methacrylate: Hazard Symbol: Xi Risk Phrases: R36/37/38, R43 Safety Phrases: S26, S36/37
Polyethylene Glycol 400 Dimethacrylate: Hazard Symbol – Risk Phrases – R36/37/38 Safety Phrases – S26, S36, S37
Isopropyl Alcohol: Hazard Symbol – F, Xi Risk Phrases – R11, R36, R67 Safety Phrases – S2, S7, S16, S24/25, S26
n-Butyl Acetate: Hazard Symbol: N/E Risk Phrases: R10, R66, R67 Safety Phrases: S2, S25
Ethyl Acetate: Hazard Symbol: F, Xi Risk Phrases: R11, R36, R66, R67 Safety Phrases: S2, S16, S26, S33

See Section 16 for Risk and Safety Phrase Key

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

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

- May be slightly toxic.
- May cause moderate skin injury (reddening & swelling).
- May cause eye irritation





GeLavish Enhance-It

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry: No specific information is available for this product. Although, this product opposes only slight irritation concern with all routes of entry.

Eyes: 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 may go unnoticed.

Ingestion: No specific information available. Contains materials that may be practically nontoxic.

Inhalation: No specific information available. Low volatility makes vapor inhalation unlikely.

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 4: FIRST AID MEASURES

First Aid for Eye: Flush with plenty of water for 15 minutes and retract eyelids often. 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 Ingestion: If appreciable quantities are swallowed, seek medical attention.

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.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point (°F/°C)	Flammable Limit (vol %)	Auto-ignition Temperature (vol %)
120°F/43°C Setaflash	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 may occur.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill or Release Procedures: Spontaneous polymerization can occur. Eliminate ignition sources. Use eye and skin protection. Place leaking containers in a well ventilated area. Dike and recover large spills. Soap 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 (80) 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 good immediately. Incinerate leather goods (including shoes). Wash contaminated clothing thoroughly before reuse. Wash skim thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential.



GeLavish Enhance-It

Most acrylic monomers have low viscosities, thus only needing room temperature conditions to facilitate proper pouring techniques. However, viscous type gels such as these may require heating to facilitate proper pouring techniques. To ensure that this happens, product may be heated to 60°C/140°F for not more than 24 hours. Do NOT use localized heat sources such as band heaters to heat/melt product. Do NOT use steam. Hot boxes or hot rooms are recommended for heating/melting material. The hot box and/or room should only be set to a maximum temperature of 60°C/140°F. Do not overheat, that may compromise product effectiveness and should be avoided. Refrain from multiple reheatings of product, this will also diminish the quality of the product.

SECTION 7: HANDLING AND STORAGE (cont)

Storage: Product is extremely light sensitive. If exposed to natural light or UV light, material will cure very quickly. Store in a cool, dry place, away from heat and all types of light. Store at temperatures below 100°F/38°C but above the products freezing point. If no freezing point is given, keep above 32°F/0°C at all times.

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 wash stations and safety showers. Wear impervious clothing to prevent ANY contact with this product, such a gloves, apron, boots, or whole body suit. 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 29CFR1910.134 or European Standard EN149.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Clear to slight violet, viscous liquid	Characteristic acrylate odor	NA	(H2O=1) : 1:15	N/DA	By Volume: <0.5

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure	Vapor Density	Evaporation Rate	Ignition	Solubility in Water
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 %)
> 120°F/49°C Setaflash	No Data	No Data

SECTION 10: STABILITY AND REACTIVITY

Stability: Normally Stable

Hazardous Decomposition Products: Fumes produced when Heated to decomposition may include: carbon monoxide, carbon dioxide

Conditions to Avoid: Storage >100°F/38°C, exposure to light, loss of polymerization inhibitor, contamination with incompatible materials.

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

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.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation-Skin	Irritation-Eye
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MATERIAL SAFETY DATA SHEET

FILE NO.: S249090-
S249094



GeLavish Enhance-It

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 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

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)	UN1993, Flammable liquids, n.o.s. (Ethyl Methacrylate), 3, PGII
Proper Shipping Name:	UN1993
Identification #	
Marine Pollutant:	No
Special Provisions:	T8, T31
Emergency Response Guidebook (ERG) #	128
IATA (DRG)	
Proper Shipping Name:	UN1993, Flammable liquids, n.o.s. (Ethyl Methacrylate), 3, PGII
Class or Division:	3
UN or ID Number:	UN1993
Packaging Instructions:	
Emergency Response Guidance (ICAO) #:	
IMO (IMDG)	
Proper Shipping Name:	UN1993, Flammable liquids, n.o.s. (Ethyl Methacrylate), 3, PGII
Class or Division:	3.2
UN or ID Number	UN1993
Special Provisions & Stowage/Segregation	None
Emergency Schedule (EmS) #:	
Other Information	Flash Point=49°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 contains no ODS's
Clean Water Act: Priority Pollutant	This product contains the following chemicals listed under the U.S. Clean Water Act Priority Pollutant and Hazardous Substance List: <ul style="list-style-type: none"> Butyl Acetate, CAS# 123-86-4
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. It's hazards are: <ul style="list-style-type: none"> Immediate (acute) health hazard Delayed (chronic) health hazard Reactive hazard

MATERIAL SAFETY DATA SHEET

FILE NO.: S249090-
S249094



GeLavish Enhance-It

RCRA	This product contains chemicals considered to be hazardous waste under RCRA (40 CFR 261): <ul style="list-style-type: none"> Ethyl Acetate CAS# 141-78-6, RCRA Code U112
SARA Title III: Section 302 (TPQ)	This product contains the following chemicals regulated under Sec. 302 as extremely hazardous substances that carry a TPQ: <ul style="list-style-type: none"> Ethyl Acetate, CAS# 141-78-6, RQ (lbs.):5000 Butyl Acetate, CAS# 123-86-4, RQ (lbs.):5000
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 304 as extremely hazardous chemical 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 the following chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372: <ul style="list-style-type: none"> Isopropyl Alcohol, CAS# 67-63-0
TSCA Section 8 (b): Inventory:	The 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 listed have a SNUR under TSCA.

State Regulations

CA Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Butyl Acetate CAS# 123-86-4
California No Significant Risk Rule:	NONE
MA Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Butyl Acetate CAS# 123-86-4
NJ Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Butyl Acetate CAS# 123-86-4
PA Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Butyl Acetate CAS# 123-86-4
FL Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Butyl Acetate CAS# 123-86-4
MN Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS# 67-63-0, Butyl Acetate CAS# 123-86-4

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 CAS# 868-77-9 is on the DSL List. WHMIS=n/da Isopropyl Alcohol CAS# 67-63-0 is on the DSL List. WHMIS=B2, D2B Butyl Acetate CAS# 123-86-4 is on the DSL List. WHMIS=B2, D1B, D2B Ethyl Acetate CAS# 141-78-6 is on the DSL List. WHMIS=n/da
European Community	<p>GeLavish Enhance-It</p> <ul style="list-style-type: none"> HAZARD SYMBOLS: Xi: <i>Irritant</i> RISK PHRASES: R22: <i>Harmful if swallowed</i>, R36/38: <i>Irritating to eyes and skin</i> R43: <i>May cause sensitization by skin contact</i>. SAFETY PHRASES: S18: <i>Handle and open container with care</i>, S24/25: <i>avoid contact with skin and eyes</i>, S36/37: <i>Wear suitable protective clothing and gloves</i>, S38: <i>In case of insufficient ventilation, wear suitable respiratory equipment</i>.

Labeling according to EC directives-1999/45/EC

SECTION 16: OTHER INFORMATION

EU Classes and Risk/Safety Phrases for Referenced Ingredients (See Section 3):

<p>Hazard Symbol: Xi-Irritants F-Flammable</p> <p>Risk Phrases: R10-Flammable; R11-Highly Flammable; R36-Irritating to eyes; R43-May cause sensitization by skin contact; R66-Repeated exposure may cause skin dryness and cracking; R67-Vapors may cause drowsiness and dizziness; R36/37-Irritating to eyes, respiratory system and skin; R36/38-Irritating to eyes and skin</p> <p>Safety Phrases: S2-Keep out of reach of children; S3/7-Keep container tightly closed in a cool place; S7-Keep container tightly closed; S16 Keep away from sources of ignition-No smoking; S24/25-Avoid contact with skin and eyes: 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-Take precautionary measures against static discharges; S35-This material and its container must be disposed of in a safe way; S36-Wear suitable protective clothing; S36/37-Wear suitable protective clothing and gloves; S62-If swallowed, do not induce vomiting: seek medical advise immediately and show this container or label.</p>
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MATERIAL SAFETY DATA SHEET

FILE NO.: S249090-
S249094



GeLavish Enhance-It

NFPA:

Health → 2 ← **Flammability** 2 ← **Reactivity** 1

HMIS:

2	Health
2	Flammability
1	Reactivity

MAY CONTAIN THE FOLLOWING CHEMICALS:

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure OSHA	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Titanium Dioxide	13463-67-7	236-675-5	Titanium Dioxide/CI77891	15 mg/m ³	10mg/m ³	3/no/no	0-1
Yellow Iron Oxide	51274-00-1	257-098-5	Iron Oxides/CI77492	N/E	N/E	Not Listed	0-1
Red Iron Oxide	1332-37-2	215-570-8	Iron Oxide/CI77491	N/E*	N/E*	Not Listed	0-1
D&C Red 7	5281-04-9	226-109-5	Red 7/CI15850	N/E	N/E	Not Listed	0-1
Synthetic Red Iron Oxide (maroon)	1309-37-1	N/E	Iron Oxides/CI77491	N/E	N/E	Not Listed	0-1
D&C Orange No. 4	633-96-5	211-199-0	Orange 4/CI15510	N/E	N/E	Not Listed	0-1
D&C Violet #2	81-8-1	201-353-5	Violet 2/CI60725	N/E	N/E	Not Listed	0-1
Mica	12001-26-2	310-127-6	Mica	N/E	3 mg/m ³	Not Listed	0-1
FD&C Yellow #5	1934-21-0	217-699-5	Yellow #5/CI19140	N/DA	N/DA	N/DA	0-1
D&C Red #6	5858-81-1	227-497-9	Red 6/CI15850	N/DA	N/DA	N/DA	0-1
D&C Red #34	6417-83-0	229-142-3	Red 34/CI15880	N/DA	N/DA	N/DA	0-1
Cosmetic Iron Blue	14038-43-8	237-875-5	Ferric Ferrocyanide/CI77510	N/DA	N/DA	N/DA	0-1
D&C Yellow #10	8004-92-0	N/DA	Yellow 10/CI47005/ E104	N/DA	N/DA	N/DA	0-1
Ultramarine Blue	57455-37-5	N/DA	Ultramarines/CI77007	N/DA	N/DA	N/DA	0-1
Manganese Violet	10101-66-3	233-257-4	Manganese Violet/CI77742	N/DA	N/DA	N/DA	0-1
FD&C Blue #1	3844-45-9	223-339-8	Blue 1/CI42090	N/DA	N/DA	N/DA	0-1
D&C Black #2	1333-86-4	215-609-9	Carbon Black/CI77266	3.5mg/m ³	0.1 mg PAH's/m ³ carbon black in presence of polycyclic aromatic hydrocarbons (PAHs)		

N/E-None Established N/DA-No Data Available

N/R-Not Reviewed N/A-Not Applicable

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