

Section 1. Identification

GHS product identifier : Gelish Dip LED Ombre Coat Light Activated

Other means of identification : Not available.

Product code : 1640006, 1269005

Product type : Liquid.

Relevant identified uses of the substance or mixture and uses advised against

Not applicable.

Supplier's details : Nail Alliance - North America, Inc.
1545 Moonstone
Brea, CA 92821
(714) 773-9758

Emergency telephone number (with hours of operation) : **(800) 535-5053**

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : ACUTE TOXICITY (oral) - Category 4
SKIN IRRITATION - Category 2
SERIOUS EYE DAMAGE - Category 1
SKIN SENSITIZATION - Category 1

Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 40.9%
Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 48.4%
Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 57%

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : Harmful if swallowed.
Causes serious eye damage.
Causes skin irritation.
May cause an allergic skin reaction.

Precautionary statements

Section 2. Hazards identification

| | |
|---|--|
| General | : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand. |
| Prevention | : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Use only outdoors or in a well-ventilated area. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. |
| Response | : Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician. |
| Storage | : Store locked up. |
| Disposal | : Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Hazards not otherwise classified | : None known. |

Section 3. Composition/information on ingredients

| | |
|--------------------------------------|------------------|
| Substance/mixture | : Mixture |
| Other means of identification | : Not available. |

CAS number/other identifiers

| | |
|-------------------|-------------------|
| CAS number | : Not applicable. |
|-------------------|-------------------|

| Ingredient name | CAS number | EC number | INCI Name | % |
|---|------------|-----------|--|-----------|
| 4-hydroxybutyl acrylate | 2478-10-6 | 219-606-3 | 4-Hydroxybutyl acrylate | ≥25 - ≤50 |
| Polyurethane acrylate oligomer | Exempt | - | Di-HEMA trimethylhexyl dicarbamate* | ≥10 - ≤25 |
| 4-(1-oxo-2-propenyl)-morpholine | 5117-12-4 | 418-140-1 | Acryloyl Morpholine | ≤10 |
| Trimethylolpropane trimethacrylate esters | 3290-92-4 | 221-950-4 | Trimethylolpropane trimethacrylate | ≤10 |
| TPO | 75980-60-8 | 278-355-8 | Trimethylbenzoyl diphenylphosphine oxide | ≤3 |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

- Eye contact** : Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
- Inhalation** : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : May cause respiratory irritation.
- Skin contact** : Causes skin irritation. May cause an allergic skin reaction.
- Ingestion** : Harmful if swallowed.

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
pain
watering
redness
- Inhalation** : Adverse symptoms may include the following:
Suspected of damaging fertility.
respiratory tract irritation
coughing
- Skin contact** : Adverse symptoms may include the following:
Suspected of damaging fertility.
pain or irritation
redness
blistering may occur
irritation

Section 4. First aid measures

- Ingestion** : Adverse symptoms may include the following:
stomach pains
Suspected of damaging fertility.

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.

- Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
phosphorus oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Section 6. Accidental release measures

Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Shield UV light sources. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

| Ingredient name | Exposure limits |
|---|---|
| 4-hydroxybutyl acrylate | None. |
| Polyurethane acrylate oligomer | None. |
| 4-(1-oxo-2-propenyl)-morpholine | None. |
| Trimethylolpropane trimethacrylate esters | AIHA WEEL (United States, 7/2018). Absorbed through skin. TWA: 1 mg/m ³ 8 hours. |
| TPO | None. |

Section 8. Exposure controls/personal protection

- Appropriate engineering controls** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
- Individual protection measures**
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

- Physical state** : Liquid. [Gel]
- Color** : Colorless
- Odor** : Characteristic. Acrylate odor
- pH** : Not available.
- Melting point** : Not available.
- Boiling point** : Not available.
- Flash point** : Closed cup: >93.3°C (>199.9°F)
- Lower and upper explosive (flammable) limits** : Not available.

Section 9. Physical and chemical properties

| | |
|---|------------------|
| Vapor pressure | : Not available. |
| Vapor density | : Not available. |
| Relative density | : Not available. |
| Solubility | : Not available. |
| Solubility in water | : Not available. |
| Partition coefficient: n-octanol/water | : Not available. |
| Auto-ignition temperature | : Not available. |
| Viscosity | : Not available. |
| Flow time (ISO 2431) | : Not available. |

Section 10. Stability and reactivity

| | |
|---|---|
| Reactivity | : No specific test data related to reactivity available for this product or its ingredients. |
| Chemical stability | : The product is stable. |
| Possibility of hazardous reactions | : Hazardous polymerization may occur under certain conditions of storage or use. These could cause the product to polymerize exothermically. Unintentional contact with them should be avoided. |
| Conditions to avoid | : No specific data. |
| Incompatible materials | : No specific data. |
| Hazardous decomposition products | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

Section 11. Toxicological information

Information on toxicological effects -

Based on existing test data. No animal testing was conducted by Nail Alliance or raw material supplier.

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|---------------------------------|-------------|---------|-------------|----------|
| 4-hydroxybutyl acrylate | LD50 Dermal | Rabbit | 2000 mg/kg | - |
| | LD50 Oral | Rat | 871 mg/kg | - |
| 4-(1-oxo-2-propenyl)-morpholine | LD50 Dermal | Rat | >2000 mg/kg | - |
| | LD50 Oral | Rat | 588 mg/kg | - |

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|---|------------------------|---------|-------|----------|-------------|
| 4-(1-oxo-2-propenyl)-morpholine | Eyes - Severe irritant | Rabbit | - | - | - |
| Trimethylolpropane trimethacrylate esters | Skin - Mild irritant | Rabbit | - | 500 mg | - |

Sensitization

Section 11. Toxicological information

| Product/ingredient name | Route of exposure | Species | Result |
|---------------------------------|-------------------|------------|-----------|
| 4-(1-oxo-2-propenyl)-morpholine | skin | Guinea pig | Ambiguous |

Specific target organ toxicity (single exposure)

| Name | Category | Route of exposure | Target organs |
|-------------------------|------------|-------------------|------------------------------|
| 4-hydroxybutyl acrylate | Category 3 | Not applicable. | Respiratory tract irritation |

Specific target organ toxicity (repeated exposure)

| Name | Category | Route of exposure | Target organs |
|---------------------------------|------------|-------------------|----------------|
| 4-(1-oxo-2-propenyl)-morpholine | Category 2 | Not determined | Not determined |

Information on the likely routes of exposure : Not available.

Potential acute health effects

- Eye contact** : Causes serious eye damage.
Inhalation : May cause respiratory irritation.
Skin contact : Causes skin irritation. May cause an allergic skin reaction.
Ingestion : Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:
 pain
 watering
 redness
- Inhalation** : Adverse symptoms may include the following:
 Suspected of damaging fertility.
 respiratory tract irritation
 coughing
- Skin contact** : Adverse symptoms may include the following:
 Suspected of damaging fertility.
 pain or irritation
 redness
 blistering may occur
 irritation
- Ingestion** : Adverse symptoms may include the following:
 stomach pains
 Suspected of damaging fertility.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

- Potential immediate effects** : Not available.
Potential delayed effects : Not available.

Long term exposure

Section 11. Toxicological information

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

General : May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : Suspected of damaging fertility.

Numerical measures of toxicity

Acute toxicity estimates

| Route | ATE value |
|-------|--------------|
| Oral | 1000.9 mg/kg |

Section 12. Ecological information

Toxicity - Based on existing test data. No animal testing was conducted by Nail Alliance or raw material supplier.

| Product/ingredient name | Result | Species | Exposure |
|---|-----------------------|----------------------------|----------|
| 4-hydroxybutyl acrylate | LC50 23 mg/l | Daphnia | 48 hours |
| | LC50 10 mg/l | Fish | 96 hours |
| 4-(1-oxo-2-propenyl)-morpholine | EC50 120 mg/l | Algae | 72 hours |
| Trimethylolpropane trimethacrylate esters | Acute EC50 3.88 mg/l | Algae | 72 hours |
| | Acute LC50 2 mg/l | Fish - Oncorhynchus mykiss | 96 hours |
| | Acute NOEC 0.177 mg/l | Algae | 72 hours |

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|---------------------------------|-------------------|------------|------------------|
| 4-(1-oxo-2-propenyl)-morpholine | - | - | Not readily |

Bioaccumulative potential

| Product/ingredient name | LogP _{ow} | BCF | Potential |
|---|--------------------|----------|-----------|
| 4-hydroxybutyl acrylate | 0.77 | - | low |
| 4-(1-oxo-2-propenyl)-morpholine | -0.46 | - | low |
| Trimethylolpropane trimethacrylate esters | 2.749 | - | low |
| TPO | - | 53 to 72 | low |

Mobility in soil

Section 12. Ecological information

Soil/water partition coefficient (K_{oc}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

| | DOT Classification | TDG Classification | Mexico Classification | ADR/RID | IMDG | IATA |
|-----------------------------------|-------------------------------|-------------------------------|----------------------------------|----------------|----------------|----------------|
| UN number | Not regulated. | Not regulated. | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| UN proper shipping name | - | - | - | - | - | - |
| Transport hazard class(es) | - | - | - | - | - | - |
| Packing group | - | - | - | - | - | - |
| Environmental hazards | No. | No. | No. | No. | No. | No. |

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL and the IBC Code : Not available.

Section 15. Regulatory information

U.S. Federal regulations : TSCA 5(a)2 final significant new use rules: 4-(1-oxo-2-propenyl)-morpholine
 TSCA 5(e) substance consent order: 4-(1-oxo-2-propenyl)-morpholine
 TSCA 8(a) CDR Exempt/Partial exemption: Not determined
 TSCA 12(b) one-time export: 4-(1-oxo-2-propenyl)-morpholine

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : ACUTE TOXICITY (oral) - Category 4
 SKIN IRRITATION - Category 2
 SERIOUS EYE DAMAGE - Category 1
 SKIN SENSITIZATION - Category 1
 TOXIC TO REPRODUCTION (Fertility) - Category 2
 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2

Composition/information on ingredients

| Name | % | Classification |
|---|-------------|--|
| 4-hydroxybutyl acrylate | ≥25 - ≤50 | ACUTE TOXICITY (oral) - Category 4 SKIN IRRITATION - Category 2 SERIOUS EYE DAMAGE - Category 1 SKIN SENSITIZATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 |
| Polyurethane acrylate oligomer | Proprietary | SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1A |
| 4-(1-oxo-2-propenyl)-morpholine | ≤10 | ACUTE TOXICITY (oral) - Category 4 SERIOUS EYE DAMAGE - Category 1 SKIN SENSITIZATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2 |
| Trimethylolpropane trimethacrylate esters | Proprietary | SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1 |
| TPO | Proprietary | COMBUSTIBLE DUSTS TOXIC TO REPRODUCTION (Fertility, causing atrophy of the |

Section 15. Regulatory information

testes) - Category 2

State regulations

- Massachusetts** : None of the components are listed.
New York : None of the components are listed.
New Jersey : None of the components are listed.
Pennsylvania : None of the components are listed.
California Prop. 65

This product does not require a Safe Harbor warning under California Prop. 65.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Inventory list

- Australia** : Not determined.
Canada : Not determined.
China : Not determined.
Europe : Not determined.
Japan : **Japan inventory (ENCS)**: Not determined.
Japan inventory (ISHL): Not determined.
Malaysia : Not determined.
New Zealand : Not determined.
Philippines : Not determined.
Republic of Korea : Not determined.
Taiwan : Not determined.
Thailand : Not determined.
Turkey : Not determined.
United States : Not determined.
Viet Nam : Not determined.

Section 16. Other information

Hazardous Material Information System (U.S.A.)

| | | |
|------------------|---|---|
| Health | * | 2 |
| Flammability | | 1 |
| Physical hazards | | 1 |
| | | |

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

National Fire Protection Association (U.S.A.)

Section 16. Other information



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

History

Date of printing : 11/10/2021

Date of issue/Date of revision : 11/10/2021

Date of previous issue : 04/22/2021

Version : 0

Key to abbreviations

: ATE = Acute Toxicity Estimate
 BCF = Bioconcentration Factor
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC = Intermediate Bulk Container
 IMDG = International Maritime Dangerous Goods
 LogPow = logarithm of the octanol/water partition coefficient
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
 UN = United Nations

References : Not available.

📌 Indicates information that has changed from previously issued version.

Notice to reader

*Gels are composed of oligomers made primarily from urethane (meth) acrylates. Nail Alliance is using the designation di-HEMA trimethylhexyl dicarbamate, the official INCI name of urethane dimethacrylate, which is substantially the equivalent of polyurethane acrylate oligomer.

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Information contained within this SDS is only to be distributed as required by law.



Safety Data Sheet

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

Product Name: Top It Off

SDS Prepared: 2/25/2015

SDS Update: 3/25/2021

Revision: 09

Product Use: Cosmetic

Manufacture: Nail Alliance - North America, Inc
1545 Moonstone, Brea, CA 92821

Product #: 01246, 210105, 04001, 1315003, 1310003, 1244001,
Kit 1121798

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 | Contains materials that are essentially nonirritating, but contact may cause slight transient irritation. Material may act as a Lachrymator (a substance which increases the flow of tears). |
| Skin | 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 | May cause respiratory tract irritation with presence of monomer. Vapors may cause dizziness or suffocation. |

NOTE: Refer to Section II, 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 | 72869-86-4 | 276-957-5 | N/E | N/E | Not Listed | 50.0-60.0 |
| HEMA | 868-77-9 | 212-782-2 | N/E | N/E | Not Listed | 15.0-20.0 |
| Hydroxypropyl Methacrylate | 27813-02-1 | 248-666-3 | N/E | N/E | Not Listed | 15.0-20.0 |

N/E - None Established

N/DA - No Data Available

N/R - Not Reviewed

N/A - Not Applicable

| | | | |
|------------------------------------|-------------------|------------------------------|--------------------------------|
| Di-Hema Trimethylhexyl Dicarbamate | Hazard Symbol: Xi | Risk Phrases: R36/37/38 | Safety Phrases: S14, S3/7, S62 |
| Hydroxypropyl Methacrylate: | Hazard Symbol: Xi | Risk Phrases: R36/37/38, R43 | Safety Phrases: S26, S36/37 |
| HEMA | Hazard Symbol: Xi | Risk Phrases: R36/38, R43 | Safety Phrases: S2, S26, S28 |

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, occasionally lifting the upper and lower eyelids. Get medical aid. Do NOT allow victim to rub or keep eyes closed.

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|--------------------------|---|
| First Aid for Skin | Remove contaminated clothing and wash contact area with soap and water for 15 minutes. Get medical aid if symptoms persist. Wash clothing before reuse. |
| 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 | Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2 to 4 cupfuls of milk or water. |

Section 5: Fire Fighting Measures

| Flash Point (°F/ °C) | Flammable Limit (vol%) | Auto-ignition Temperature (vol%) |
|-------------------------|------------------------|----------------------------------|
| > 212°F/100°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 can occur. |

Section 6: Accidental Release Measures

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| Spill or Release Producers: | Eliminate all sources of heat and ignition. 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! 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. If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures. |
|-----------------------------|--|

Section 7: Handling and Storage

| | |
|-------------------|---|
| Handling: | Ground and bond containers when transferring material. Avoid contact with skin and eyes, and clothing. Use with adequate ventilation and avoid breathing in vapor. Keep container closed when not in use. Avoid contact with heat, sparks and flame. 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. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks, or open flames. Material is extremely light sensitive. Use extreme care and do not expose to natural or UV light, unless using material for its intended use. Since the material is very photosensitive any type of light may initiate the curing process. |
| 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 at temperatures below 100°F/38°C but above the product's 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 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. 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 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 | Specific Gravity | Viscosity | %Volatile |
|----------------------------|------------------------------|------------------|-----------|----------------|
| Clear, semi-viscous liquid | characteristic acrylate odor | (H2O=1): 1.14 | N/DA | By Volume: N/A |

| Boiling Point/Freezing Point | Decomposition Temperature | Octanol/Water Partitioning Coefficient Log Po/w | Vapor Density | Evaporation Rate | Ignition | Solubility In Water (20°C) |
|------------------------------|---------------------------|---|---------------|------------------|----------|----------------------------|
| N/A | N/A | N/A | No Data | No Data | No Data | Insoluble |

| Flash Point (°F/°C) | Flammable Limit (vol%) | Auto-ignition Temperature (vol%) |
|---------------------------|------------------------|----------------------------------|
| 212°F/100°C Penske-Martin | 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 | 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 |
|--------------------------|--------------------------|--------------------------|
| No Information Available | No Information Available | No Information Available |

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 |

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

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: | 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: | N/A |
| 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: | N/A |
| Emergency Schedule (EmS)#: | N/A |
| Other Information: | N/A |

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 considered to be a hazardous waste under RCRA (40 CFR 261) RCRA Code: <ul style="list-style-type: none"> Ethyl methacrylate, CAS# 97-63-2, RCRA Code: U1118 Characteristic of Ignitability, RCRA Code: D001 |
| 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 chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List): <ul style="list-style-type: none"> Ethyl methacrylate, CAS# 97-63-2, RQ (Lbs): 1000 |
| 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 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: <ul style="list-style-type: none"> NONE |
| 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: | NONE |
| NJ Right-to-Know Law: | NONE |
| PA Right-to-Know Law: | NONE |
| FL Right-to-Know Law: | NONE |
| MN Right-to-Know Law: | NONE |

International Regulations

| | |
|---|---|
| CDSL: Canadian Inventory (on Canadian Transitional List) | Hydroxycyclohexyl phenyl ketone CAS #947-19-3 is on the DSL List. WHMIS = n/da D&C Violet #2, CAS # 81-48-1 is not on the DSL List. WHMIS = n/da |
|---|---|

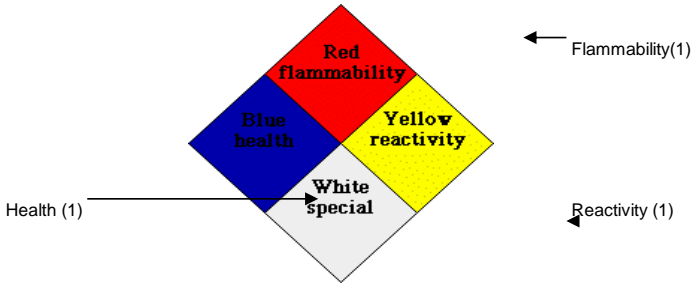

Labeling according to EC Directives - 1999/45/EC

| | |
|--|---|
| <p>European Community:</p>  | <p>HNH Top It Off:</p> <ul style="list-style-type: none"> ● HAZARD SYMBOLS: Xi irritant, ● RISK PHRASES: R22: Harmful if swallowed, R36/38: Irritating to eyes, respiratory system, 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, S46: If swallowed seek medical advise immediatley and show this container or label. |
|--|---|

Section 16: Other Information

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| <p>EU Classes and Risk / Safety Phrases for Referenced Ingredients (See Section 2):</p> <p>Hazard Symbols: Xi - Irritants</p> <p>Risk Phrases: R36/37/38 Irritating to eyes, respiratory system and skin; R43 May cause sensitization by skin contact</p> <p>Safety Phrases: S2 Keep out of the reach of children; S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S37 Wear suitable gloves S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. S28: After contact with skin, wash immediately with plenty of water.</p> |
|--|

Hazard Rating System (Pictograms)

| | |
|--|---|
| <p>NFPA:</p>  | <p>HMS:</p>  |
|--|---|

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