



## Safety Data Sheet

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

**Product Name:** Entity Matte Top It Off

**SDS Prepared:** 3/18/2014

**SDS Updated:** 3/14/2023

**Revision:** 07

**Product Use:** Cosmetic

**Supplied by:** Nail Alliance - North America, Inc  
1545 Moonstone, Brea, CA 92821

**Product #:**  
5101841

**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 eye irritation



#### 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.

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

No specific information available.

Inhalation

No specific information available. Low volatility makes vapor inhalation unlikely

NOTE: Refer to Section II, Toxicological Information for Details

### Section 3: Composition/Information on Ingredients

| INCI NAME                          | CAS#       | EINECS#   | Exposure<br>OSHA<br>TWA/STEL | Limits ACGIH<br>TWA/STEL | Carcinogen<br>IARC/NTP/OSHA | %           |
|------------------------------------|------------|-----------|------------------------------|--------------------------|-----------------------------|-------------|
| Di-HEMA trimethylhexyl dicarbamate | 72869-86-4 | 276-957-5 | N/E                          | N/E                      | Not Listed                  | 25.0 - 50.0 |
| HEMA                               | 868-77-9   | 212-782-2 | N/E                          | N/E                      | Not Listed                  | 25.0 - 50.0 |
| Trimethylolpropane Trimethacrylate | 150-76-5   | 205-769-8 | N/E                          | N/E                      | Not Listed                  | 5.0 - 10.0  |

N/E - None Established

N/DA - No Data Available

\* See section 16

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

HEMA Hazard Symbol: Xi

Risk Phrases: R36/38, R43

Safety Phrases: S2, S26,, S28

Trimethylolpropane Trimethacrylate Hazard Symbol: Xi

Risk Phrases: R11, R36//37/38

Safety Phrases: S26

See Section 15 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 attention

First Aid for Skin

Remove contaminated clothing and wash contact area with soap and water for 15 minutes.

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

If appreciate quantities are swallowed, seek medical attention

## Section 5: Fire Fighting Measures

| Flash Point ( °F/ °C)       | Flammable Limit (vol%)   | Auto-ignition Temperature (vol%) |
|-----------------------------|--|----------------------------------|
| > 212°F/100°C Setaflash     | No Data  | No Data                          |
| <b>Method:</b>              |  |                                  |
| Extinguishing Media:        | Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.   |                                  |
| Fire Fighting Instructions: | Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.  |                                  |
| Unusual Hazards:            | High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers. Avoid the use of a stream of water to control fires since frothing can occur. |                                  |

## Section 6: Accidental Release Measures

Spill or Release Producers: Spontaneous polymerization can occur. Although material in non-flammable please try to eliminate ignition sources. Use eye and skin protection. Place leaking containers in a well ventilated area.

Dike and recover large spills. Soak up small spills with inert solids (such as vermiculite, clay) and sweep/shovel into disposal container. Wash spill area with strong detergent and water solution; rinse with water, but minimize water use during clean-up. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802. EU Regulations require the consultation of Directive 98/24/EC. Dispose and report per regulatory requirements if necessary. Please prevent washings from entering waterways.

## Section 7: Handling and Storage

Handling: Avoid contact with skin and eyes. Avoid breathing vapor. Keep container closed when not in use. Avoid prolonged exposure to light. Remove all contaminated clothing, shoes, belts and other leather goods immediately. Incinerate leather goods (including shoes). Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential.

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, this may compromise product effectiveness and should be avoided. Refrain from multiple reheating of product, this will also diminishing the quality of the product.

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 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 29 CFR 1910.134 or European Standard EN149.

## Section 9: Physical and Chemical Properties

| Appearance                               | Odor & Odor Threshold        | pH | Specific Gravity | Viscosity | %Volatile       |
|--|------------------------------|----|------------------|-----------|-----------------|
| Clear slight violet, semi-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: (mm Hg) @ 20 C:<0.01 | 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

|   |  |
|---|--|
| <b>Stability</b><br>Normally Stable   | <b>Incapability (Material to Avoid):</b><br>Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and strong bases.                                |
| <b>Hazardous Decomposition Products:</b><br>Fumes produced when heated to decomposition may include:<br>carbon monoxide, carbon dioxide                         | <b>Hazardous Polymerization:</b><br>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. |
| <b>Conditions to Avoid:</b><br>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 | Acute 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

Non-contaminated, properly inhibited product is not a RCRA hazardous waste. It is the generators responsibility to determine what is classified as a hazardous waste.

Comply with all federal, state, and local regulations. Dispose of diking materials and absorbent in compliance with State, Local, and Federal regulations. Residual vapors may explode on ignition; do not cut, drill, or weld on or near the container. Mix with compatible chemical which is less flammable and incinerate.

## Section 14: Transport Information

### DOT (49 CFR 172)

Proper Shipping Name:

Non-Regulated Material

Identification Number:

N/A

Marine Pollutant:

No

Special Provisions:

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:

Class or Division:

UN or ID Number:

Special Provisions &amp; Stowage/Segregation:

**Emergency Schedule (EmS)#:****Other Information:**

Non-Regulated Material

N/A

N/A

None

Flash point &gt;100 °C

**Section 15: Regulatory Information****US Federal Regulations**

|                                     |  |
|-------------------------------------|--|
| Clean Air Act: HAP/ODS              | This product contains the following hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act:<br>• NONE<br>This product does not contain ODS's   |
| Clean Water Act: Priority Pollutant | This product contains the following Hazardous Substances as defined by the CWA:<br>• NONE<br>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:<br>• Immediate (acute) health hazard<br>• Delayed (chronic) health hazard<br>• Reactive hazard                                    |
| RCRA                                | This product is not considered to be a hazardous waste under RCRA (40 CFR 261) RCRA Code:  |
| 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:<br>• Immediate (acute) health hazard<br>• Delayed (chronic) health hazard<br>• 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:<br>• 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<br>(on Canadian Transitional List) | 2-hydroxyethyl Methacrylate CAS # 868-77-9 is on the DSL list. WHMIS = n/da<br>Trimethylolpropane Trimethacrylate Esters CAS# 3290-92-4 is on the DSL list .WHMIS = n/da |
|---|--|

## Section 16: Other Information

### Labeling according to EC Directives - 1999/45/EC

European Community:



#### HNH Base Gel:

- 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.

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

#### Hazard Symbols:

Xi - Irritants

#### Risk Phrases:

R36/37/38 Irritating to eyes, respiratory system and skin; R43 May cause sensitization by skin contact

#### Safety Phrases:

S2 Keep out of the reach of children;

S3/7 Keep container tightly closed in a cool place;

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

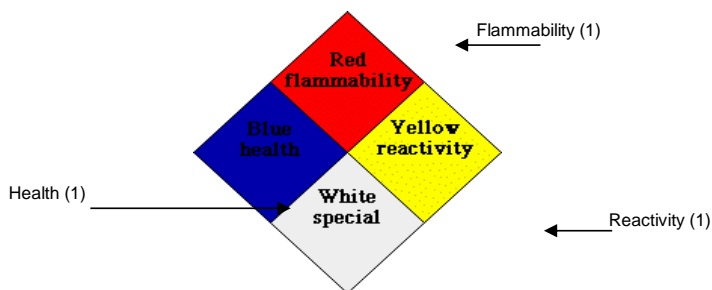
S28: After contact with skin, wash immediately with plenty of water.

S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

## Section 16: Other Information

### Hazard Rating System (Pictograms)

NFPA:



HMIS:

|                     |  |
|---------------------|--|
| HEALTH              |  |
| FLAMMABILITY        |  |
| REACTIVITY          |  |
| PERSONAL PROTECTION |  |

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