

MATERIAL DATA SAFETY SHEET

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards

SECTION I – PRODUCT IDENTIFICATION

REVISION DATE: 04/31/2017

Product Name: VELVET MATTE TOPCOAT
 Chemical Name: N/A
 Synonyms: VELVET MATTE, MATTE TOPCOAT
 Trade Name: VELVET MATTE TOPCOAT
 Product use: Fingernails coating only
 Distributor's Name: CHRISTRIO
 Distributor's Address: 2420 Railroad; Corona, CA. 92881
 Information Contact: 1 951 808 4730
 Emergency Phone: Canada & US (800) 535-5053 International: +420-2440-9250
 EU Address: LIBUSSKA 319/126, PRAHA 4, PS: 14 200, Czech Republic

SECTION II – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This information may be based on finding related or similar materials

- Irritating to respiratory system and skin
- May cause drowsiness or dizziness
- Non- flammable

Potential Health Effects, Signs, and Symptoms of Exposure:

| | |
|------------------------|--|
| Primary Route of Entry | No specific information available for this product. Although, this product is opposes only slightly irritation concern with all routes of entry. |
| Eye | Contact with eyes will cause irritation. |
| Skin | Repeated exposure may cause skin dryness or cracking |
| Ingestion | Non-Acute Tox. : Harmful if swallowed |
| Inhalation | May cause respiratory irritation. May cause drowsiness or dizziness. |
| Sub-Chronic Effects | No specific information available. |

NOTE: Refer to Section XI. Toxicological Information for Details

SECTION III – COMPOSITION/INFORMSTION ON INGREDIENTS

| Chemical Identity | CAS# | EINEC# | INCI NO. | Exposure OSHA TWA/STEL | LIMITS ACGIH TWA/STEL | Carcinogen | % |
|------------------------------------|-------------|-----------|-------------|------------------------------|-----------------------------|------------|----|
| Di-Hema Trimethylhexyl Dicarbamate | 72869-86-44 | 276-957-5 | N/DA | N/E | N/E | NOT LISTED | 43 |
| Polymer acrylate Oligomer | 152187-46-7 | N/A | 152187-46-7 | N/E | N/E | NOT LISTED | 30 |
| UV Initiating Agent | 947-19-3 | 213-426-9 | 947-19-3 | N/E | N/E | NOT LISTED | 5 |
| Acrylate Monomer | 162881-26-7 | 423-340-5 | 162881-26-7 | N/E | N/E | NOT LISTED | 5 |
| HEMA (HYDROXYETHYL METHACRYLATE) | 868-77-9 | 212-782-2 | 868-77-9 | N/E | N/E | NOT LISTED | 15 |

SECTION IV – FIRST AID MEASURES

| | |
|--------------------------|---|
| First Aid for Eye | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. |
| First Aid for Skin | Get medical advice/attention. |
| First Aid for Inhalation | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. |
| First Aid for Ingestion | Rinse out mouth with water. Call a POISON CENTER or doctor/physician if feel unwell. |

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SECTION V – FIRE FIGHTING MEASURES

| Flash Point (°F/°C) 1°C | Flammable Limit (vol %) N/D | Auto-Ignition Temperature (vol %) N/D |
|-------------------------------|-----------------------------------|---|
| | | |

Method:

Extinguishing Media:

Fire Fighting Instructions:

Unusual Hazard:

CO , powder or water spray.

Fight larger fires with water spray or alcohol resistant foam. For safety reasons unsuitable extinguishing agents: Water with full jet.

No further relevant information available. The exposure of the containers or tightly closed drums to high temperature can cause increase of pressure. Vapors are heavier than air and spread above ground.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Spill or Release Procedures

Wear protective equipment. Keep unprotected person away. Ensure adequate ventilation. Keep ignition source away. Avoid contact with skin and eyes. Do not allow the product to reach sewage system or any water course. Methods and material for containment and cleaning up. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. US Regulations (CERCLA) require reporting spill and release 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 washing from entering of waterways.

SECTION VII – HANDLING AND STORAGE

Handling

Ensure good ventilation/exhaustion at the workplace. Prevent formation of dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. Use respiratory protective device against the effects of dust/fume/gas/mist/vapours/spray. Prevent to contact with eyes and skin. Keep away from combustible materials. Keep out of reach of children.

Storage

Store in a cool, dry and well-ventilation location. Opened containers must be carefully closed and kept upright to avoid leakage . Store away from direct sunlight. Store in well ventilated area. Ground/bond container and receiving equipment.

Explosion Hazard

Keep away from heat/sparks/open flames/hot surfaces. -No smoking. Take precautionary measures against static discharge. Keep respiratory protective device available.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Handle in accordance with good industrial hygiene and safety practice.

Personal Protective Equipment

General

The level of protection and types of controls necessary will depend on potential exposure conditions. Select controls based on a risk assessment of local circumstances below the exposure guidelines/limits. Local guidelines on emission limits for volatile substances must be observed for the discharge of exhaust air containing vapor.

Eye/Face Protection

Wear security glasses which protect from splashes. (Conform to norm EN166)

Skin Protection

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Respiratory Protection

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

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SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

| | | | | | | | |
|---|--------------------------------------|---|---------------------------|--|-----------------------------|-----------------|------------------------------|
| Appearance | Odor & Odor Theshold | pH | Specific Gravity | Viscosity | % Volatile | | |
| Liquid | Natural/ herbage | 6-7 | 1.10 | N/DA | 0.80% | | |
| Boiling Point/ Feezing Point | Decomposition Temperature | Octanol/Water Partitioning Coefficient | Vapor Pressure | Vapor Density | Evaporation Rate | Ignition | Solution In Water |
| >250 / <-20 | N/DA | N/A | N/A | N/A | N/A | N/D | N/DA |
| Flash point (°F/°C) | | Flammable Limit (Vol %) | | Auto-ignition Temperature (Vol %) | | | |
| N/DA | | N/DA | | Product is not selfigniting | | | |

SECTION X – STABILITY AND REACTIVITY

| | |
|---|--|
| Stability: Stable under recommended storage conditions. | Incompatibility (Materials to Avoid): Incompatible materials: No further relevant information available. |
| Hazardous Decomposition Products: No further relevant information available. Do not heat above 26°C(80°C) | Hazardous Polymerization: N/DA. |

Conditions to Avoid:

Heat/sparks/open flames/hot surfaces

SECTION XI – TOXICOLOGICAL INFORMATION

| | | |
|---|------------------------------|-----------------------------|
| 1.CAS NO.: 72869-86-44/41137-60-4 Di-Hema Trimethylhexyl Dicarbamate | | |
| Rat | LD50-oral LC50-inhalation | 10768 mg/kg 390ppm/4H |
| Mouse | LD50-oral LC50-inhalation | 6000 mg/kg 6000mg/m3/2H |
| Rabbit | LD50-oral LD50-SKIN | > 17600 mg/kg 3200mg/kg |
| 2 CAS No.: 152187-46-7 Polymer acrylate Oligomer | | |
| Rat | LD50-oral LC50-inhalation | 5620mg/kg 200000ppm/4H |
| Mouse | LD50-oral LC50-inhalation | 4100 mg/kg 4500mg/m3/2H |
| Rabbit | LD50-oral LD50-SKIN | > 20ml/kg 4395mg/kg |
| 3 CAS No.: 947-19-3 UV Initiating Agent | | |
| Rat | LD50-oral | > 5000 mg/kg |
| Mouse | LC50-inhalation | > 5000 mg/kg |
| 4 CAS No.: 162881-26-7 Acrylate Monomer | | |
| Rat | LD50-oral LC50-inhalation | 7060mg/kg 20000ppm/4H |
| Mouse | LD50-oral LC50-inhalation | 3450 mg/kg 39000mg/m3/2H |
| Rabbit | LD50-oral | 6300mg/kg |
| 5 CAS No.: 868-77-9 HEMA (HYDROXYETHYL METHACRYLATE) / Isobornyl Acrylate | | |
| Rat | LD50-oral LC50-inhalation | 790mg/kg 8000ppm/4H |
| Mouse | LD50-oral | 2680 mg/kg |
| Rabbit | LD50-oral LD50-SKIN | 3438mg/kg 3400mg/kg |

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SECTION XII - Ecological Information

Ecotoxicological Information

| | |
|---|--|
| Toxicity: Aquatic toxicity: | Data not available |
| Persistence and degradability: | No further relevant information available. |
| Bio-accumulative potential: | No further relevant information available. |
| Mobility in soil: | No further relevant information available. |
| Results of PBT and vPvB assessment PBT: | Not applicable |
| vPvB: | Not applicable |
| Other adverse effects: | No further relevant information available. |

SECTION XIII- DISPOSAL CONSIDERATIONS

| | |
|-------------------------|---|
| Waste treatment methods | Must not be disposed together with household garbage. Do not allow product to reach sewage system. |
| Recommendation: | |
| Un-cleaned packaging | Dispose of contents/container in according to the local/regional/ national/ international regulation. |
| Recommendation: | |

SECTION XIV - TRANSPORT INFORMATION

This substance is considered to be non-hazardous for transport.

The MSDS have been under IATA DGR 56TH Edition.

| | |
|--|---|
| UN-Number | UN1993 |
| ADR, IMDG, IATA | |
| ·UN proper shipping name | 1993 FLAMMABLE LIQUID, N.O.S. (BUTYL ACETATES, ETHYL ACETATE, ETHYL ALCOHOL, BUTANOL, ISOPROPYL ALCOHOL), |
| ADR IMDG, IATA | |
| Non-FLAMMABLE LIQUID, N.O.S. | (BUTYL ACETATES, ETHYL ACETATE, ETHYL ALCOHOL, BUTANOL, ISOPROPYL ALCOHOL) |
| Transport hazard class (es) | Non-Flammable liquid |
| ADR, IMDG, IATA Class | |
| Packing group ADR, IMDG, IATA | II |
| · Marine pollution | NO |
| Special precautions for user Warning: | Flammable liquid |
| Danger code(Kemler) | 33 |
| EMS Number | F-E,S-E |
| Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: | Not applicable |
| Transport/Additional information: | · Limited quantities (LQ) 1L |
| Transport category | 2 |
| Tunnel restriction code | D/E |
| · UN "Model Regulation": | 1993 FLAMMABLE LIQUID, N.O.S. (BUTYL ACETATES, ETHYL ACETATE, ETHYL ALCOHOL, BUTANOL, ISOPROPYL ALCOHOL), 3, II |

SECTION XV - REGULATORY INFORMATION

Ingredients is listed.

REACH Regulation Annex XVII Restriction (8/5/2014):

| | |
|------------------------|---|
| 72889-86-44/41137-80-4 | <u>Di-Hema Trimethylhexyl Dicarbamate</u> 43% |
| 152187-46-7 | <u>Polymer acrylate Oligomer</u> 30% |
| 947-19- | <u>UV Initiating Agent</u> 5% |
| 162881-26-7 | <u>Acrylate Monomer</u> 5% |
| 868-77-9 | <u>HEMA (HYDROXYETHYL METHACRYLATE)</u> 15% |

REACH Regulation Annex XIV Authorization List (14/8/2014): None of the ingredients is listed.

· Chemical safety assessment: A Chemical Safe Assessment has not been carried out.

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SECTION XVI - OTHER INFORMATION

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

Hazard Symbol:

Xi: Irritant, **F:** Highly Flammable



Risk Phrases:

R3 Extreme risk of explosion by shock, friction, fire or other sources of ignition; **R10** NON-Flammable; **R11** NON-Highly Flammable; **R22** Harmful if swallowed; **R36** Irritating to the eyes; **R37/38** Irritating to respiratory system and skin
R41 Risk of serious damage to eyes; **R66** Repeated exposure may cause skin dryness or cracking; **R67** Vapors may cause drowsiness and dizziness

Hazard Statements:

H201 Explosive; mass explosion hazard; **H225** Non-Highly flammable liquid and vapour; **H226** Non-Flammable liquid and vapour; **H302** Harmful if swallowed; **H315** May Causes skin irritation; **H318** May Causes serious eye damage
H319 May Causes serious eye irritation; **H335** May cause respiratory irritation; **H336** May cause drowsiness or dizziness

According legislation(s): * This safety data sheet is in compliance with Title IV of the REACH regulation n°1907/2006/EC

* Refer to any national rule that may be relevant, such as, for instance : * Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work * Directive 1999/92/EC of the European Parliament on minimum requirements for improving the safety and health protection of workers potentially at risk from explosive atmospheres Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC * Council Directive 1999/13/EC of 11 March 1999 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain activities and installations.

N/E - Not Establish N/R - No Review N/DA - No Data Available N/A - Not Applicable

OSHA PEL for nuisance dust 15mg/m³ (total dust) 5mg/m³ (Respirable dust)

ACGIH PEL for nuisance dust 10mg/m³

| | |
|--------------------|-------------------------------|
| Prepared By: | CHRISTRIO |
| Update Composition | April. 31 st ,2017 |

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