

# SAFETY DATA SHEET

Date: 8 / 25 / 2022

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### 1.1 - IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

Product Name                   MODEST Matte Treatment  
Product Class                 Nail Polish Base

### 1.2 - FINAL USE

Application of nail polish

### 1.3 - COMPANY IDENTIFICATION

### 1.4 - EMERGENCY TELEPHONE NUMBER

973-818-4697

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 - CLASSIFICATION OF THE SUBSTANCE OR MIXTURE



GHS02; FLAMMABLE



GHS07; IRRITANT

H225 – Highly flammable liquid and vapor. Vapors form from this product and may travel or be moved by air currents and ignited by pilot lights, other flames, sparks, heaters, electrical equipment, static discharges or other ignition sources at locations distant from product handling point. This material may produce a floating fire hazard.

### 2.2 - LABEL ELEMENTS



GHS02; FLAMMABLE



GHS07; IRRITANT

### RISK PHRASES

H225   Highly flammable liquid and vapor  
H319   Cause serious eye irritation  
H336   May cause drowsiness and dizziness

### PRECAUTIONARY STATEMENTS

P210   Keep away from heat / sparks / open flames / hot surfaces / - No smoking  
P243   Take precautionary measures against static discharge.  
P305 + 351 + 338   IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do, - continue rinsing.

### 2.3 - OTHER HAZARDS

The mixture contains no substance conforming to the PBT / vPvB criteria of REACH Regulation.

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 – MIXTURE

#### CHEMICAL CHARACTERIZATION

Nitrocellulose with nitrogen content < 12.2% and at a concentration < 20% in a blend of solvents.

#### HAZARDOUS COMPONENTS

| INGREDIENT                        | HAZARD SYMBOL<br>(CE) No.<br>1272 / 2008                    | HAZARD SYMBOL<br>67/548/CEE or<br>1999/45/CE | CONCENTRATION | REGISTRATION<br>NUMBER |
|-----------------------------------|---|--|---------------|------------------------|
| BUTYL ACETATE<br>CAS: 123-86-4    | FLAM. LIQ. 3 H226<br>ACUTE TOX. 3 H226                      | R10, R66, R67                                | 30.0 – 35.0 % | 01-2119485493-29-XXXX  |
| ETHYL ACETATE<br>CAS: 141-78-6    | FLAM. LIQ. 2 H225<br>EYE IRRIT. 2 H319<br>ACUTE TOX. 3 H336 | F R11<br>Xi R36, R66, R67                    | 25.0 – 30.0 % | 01-2119475103-46-XXXX  |
| NITROCELLULOSE<br>CAS: 9004-70-0  | FLAMMABLE<br>LIQUID 1 H224                                  | F R11  | 11.0 – 15.0 % | POLYMER                |
| ISOPROPYL ALCOHOL<br>CAS: 67-63-0 | FLAM LIQ. 2 H225<br>EYE IRRIT. 2 H319<br>STOT SE 3 H336     | F R11<br>Xi R67                              | 5.0 – 6.0 %   | 01-2119457558-25-XXXX  |

#### ADDITIONAL INFORMATION

For the wording of the listed risk phrases refer to Section 16 of this Safety Data Sheet

## SECTION 4: FIRST AID MEASURES

### 4.1 – DESCRIPTION OF FIRST AID MEASURES

**SKIN CONTACT:** Remove contaminated clothing and wash before reuse. Remove and destroy contaminated shoes. Flush with plenty of water.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.

**INGESTION:** Get medical attention IMMEDIATELY.

**EYE CONTACT:** Immediately wash the eyes with plenty of water for at least 10 minutes holding the eye open. Get medical attention.

### 4.2 – MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

#### EFFECTS OF OVEREXPOSURE

Cause eye irritation. Harmful if swallowed. May cause nose and throat irritation. Causes skin irritation.

May affect the brain or nervous system, causing dizziness, headache or nausea. Harmful if inhaled.

#### OTHER EFFECTS OF OVEREXPOSURE MAY INCLUDE

Narcosis, conjunctivitis, loss of coordination, vomiting, lacrimation, redness and swelling of eyes, difficulty with speech, reduced visibility, abdominal pain, swelling and redness of skin, fatigue, cough, dermatitis, drowsiness, unconsciousness.

#### PRIMARY ROUTE(S) OF ENTRY

Inhalation, skin contact, eyes.

**MEDICAL CONDITIONS THAT CAN BE AGGRAVATED:** N/A

#### CHRONIC HEALTH HAZARDS

#### REPEATED OVEREXPOSURE TO THIS PRODUCT MAY CAUSE

Lung damage, liver abnormalities, kidney damage, central nervous system damage, blood effects.

In accordance with 29CFR1910.1200, this product contains no ingredients listed by NTP, IARC or OSHA as carcinogenic.

**NOTICE:** Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this package may be harmful or fatal.

### 4.3 IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No further relevant information available.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 – EXTINGUISHING MEDIA

Foam, Carbon Dioxide or Dry Chemical

### 5.2 – SPECIAL FIREFIGHTING PROCEDURES

Water may be ineffective in fighting fire. If water is used to cool closed container to prevent pressure build-up, fog nozzles are preferred. Full protective equipment, including self-contained breathing apparatus is needed to protect firefighters from exposure to coating's hazardous ingredients and hazardous decomposition products.

### 5.3 – FOR FIREFIGHTERS

During emergency conditions, overexposure to decomposition products may cause a health hazard; symptoms may not be immediately apparent. Obtain medical attention.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 – PERSONAL PRECAUTIONS

Avoid contact with the skin and the eyes. Keep away from heat and sources of ignition. Provide adequate ventilation.

### 6.2 – ENVIRONMENTAL PRECAUTIONS

Prevent further leakage or spillage. Do not discharge into the drains / surface waters / groundwater.

### 6.3 – METHODS FOR CLEANING UP

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Dispose of in accordance with local regulations.

### 6.4 – ADDITIONAL INFORMATION

Consult trained personnel. Consider the information for "Personal Protection" in Section 8 of this Safety Data Sheet.

## SECTION 7: HANDLING AND STORAGE

### 7.1 – PRECAUTIONS FOR SAFE HANDLING

When using, do not eat, drink or smoke. Take off all contaminated clothing immediately. Wash hands before breaks and immediately after handling the product. Provide sufficient air exchange and / or exhaust in work rooms.

### 7.2 – PRECAUTIONS FOR SAFE STORAGE

Store in well-ventilated area. Keep containers (solvent resistant) closed when not in use. Store away from ignition sources. All equipment should be grounded. Avoid strong oxidizing agents, store in a clean, dry area.

### 7.3 – OTHER PRECAUTIONS

All precautions must be observed. Empty container may retain product residues (vapor or liquid).

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 – EXPOSURE LIMITS

| INGREDIENT                                  | CAS #    | DESCRIPTION    | VALUE | UNIT    | COMMENTS   |
|---|----------|----------------|-------|---------|------------|
| BUTYL ACETATE<br>(Acetic Acid, Butyl Ester) | 123-86-4 | Vapor Pressure | 15.0  | mm / Hg | 25 °C      |
|   |          | Vapor Pressure | 45.0  | mm / Hg | 50 °C      |
|   |          | PEL-TWA        | 150.0 | ppm     |            |
|   |          | TLV-STEL       | 200.0 | ppm     | 15 Minutes |
|   |          | PEL-STEL       | 200.0 | ppm     | 15 Minutes |
| ETHYL ACETATE                               | 141-78-6 | Vapor Pressure | 100.0 | mm / Hg | 27 °C      |
|   |          | Vapor Pressure | 200.0 | mm / Hg | 42 °C      |
|   |          | PEL-TWA        | 400.0 | ppm     |            |
| ISOPROPANOL<br>(Isopropyl Alcohol)          | 67-63-0  | Vapor Pressure | 40.0  | mm / Hg | 23.8 °C    |
|   |          | Vapor Pressure | 100.0 | mm / Hg | 39.5 °C    |
|   |          | PEL-TWA        | 400.0 | ppm     |            |
|   |          | TLV-STEL       | 500.0 | ppm     | 15 Minutes |
|   |          | PEL-STEL       | 500.0 | ppm     | 15 Minutes |

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### 8.2 - PERSONAL PROTECTION

**RESPIRATORY PROTECTION** - Wear an appropriate, properly fitted respirator (NOISH / MSHA approved) during application and handling unless air monitoring demonstrates vapor / mist levels below applicable limits. Follow respirator manufacturer's recommendations for selection and use.

**VENTILATION** - Sufficient ventilation must be provided to maintain airborne concentrations below TLV, PEL and LEL limits as listed in Section 8.

**PROTECTIVE GLOVES** - Chemical resistant protective gloves (such as Neoprene or Butyle rubber) should be worn when handling this product. Check with glove manufacturer to determine proper glove type.

**EYE PROTECTION** - Splash proof chemical goggles should be worn.

**OTHER PROTECTIVE EQUIPMENT** - Impervious clothing and boots should be worn. Eye bath and safety shower should be provided.

**HYGENIC PRACTICES** - Good personal hygiene practices are required at all times when handling chemicals. These practices include, but are not limited to, washing when safety equipment is removed, at the end of each shift or when going on breaks especially if contamination occurs.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                                     |                                |              |
|-------------------------------------|--------------------------------|--------------|
| FORM                                | Viscous liquid                 |              |
| COLOR                               | Cloudy (Whitish)               |              |
| ODOR                                | Fruity (Esters)                |              |
| OLFACTIVE THRESHOLD                 | 50 ppm (Ethyl Acetate)         |              |
| MELTING POINT                       | -84 °C (Ethyl Acetate)         |              |
| BOILING POINT                       | 77 °C (Ethyl Acetate)          |              |
| BOILING RANGE                       | 77 to 130 °C                   |              |
| SPECIFIC GRAVITY                    | 0.98 – 1.020                   |              |
| VAPOR PRESSURE (hPa)                | 100 (20 °C) (Ethyl Acetate)    |              |
| VAPOR DENSITY (Relative: Air = 1)   | 3.04 (Ethyl Acetate)           |              |
| FLASH POINT                         | -5 °C                          |              |
| AUTO IGNITION TEMPERATURE           | 460 °C                         |              |
| FLAMMABLE LIMITS (% v/v)            | <b>Upper</b>                   | <b>Lower</b> |
| BUTYL ACETATE                       | 7.6                            | 1.7          |
| ETHYL ACETATE                       | 11.0                           | 2.2          |
| ISOPROPANOL                         | 12.0                           | 1.8          |
| PH                                  | Not applicable                 |              |
| SOLUBILITY IN WATER                 | Insoluble                      |              |
| WATER / OCTANOL DISTRIBUTION COEFF. | Log Kow = 0.60 (Ethyl Acetate) |              |
| EVAPORATION RATE                    | Slower than ether              |              |
| VISCOSITY (Brookfield)              | 600 to 1100 mPa.s              |              |

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 - REACTIVITY

Material is STABLE under non-emergency conditions.

### 10.2 - CHEMICAL STABILITY

Material WILL NOT undergo hazardous polymerization.

### 10.3 - HAZARDOUS REACTION

Not known.

### 10.4 - CONDITIONS TO AVOID

Heat, sparks, open flame.

### 10.5 - MATERIALS TO AVOID

Sodium hydroxide, nitric acid, oxidizers, acids, alkali, metal, amines.

### 10.6 - HAZARDOUS DECOMPOSITION PRODUCTS

Methane, oxides of nitrogen. Carboxylic acids, various hydrocarbons, oxides of carbon, aldehydes, hydrogen cyanide, acids.

## SECTION 11: TOXICOLOGICAL INFORMATION

This product has NOT been tested on animals to obtain toxicology data. Toxicology data for the components of this product can be found in scientific literature, but this data has not been presented in this document.

#### **INGESTION**

Important: Ingestion can cause nausea and a great narcosis with weakness, drowsiness and loss of consciousness.

#### **INHALATION**

Can cause irritation of the nose and throat. At high concentration can cause narcosis.

#### **CONTACT WITH THE SKIN**

Prolonged contact can cause cracks in skin

#### **CONTACT WITH THE EYES**

Can cause irritation of the conjunctive. Can cause injury of the cornea.

### **SECTION 12: ECOTOXICOLOGICAL INFORMATION**

Any release of this product into sewers or streams must be avoided.

#### **WATER HAZARD CLASS**

WGK1: Slightly hazardous for water.

### **SECTION 13: DISPOSAL CONSIDERATIONS**

Incinerate in a furnace where permitted under Federal, State and Local regulations.

### **SECTION 14: TRANSPORT INFORMATION**

#### **ROAD TRANSPORT**

|                          |   |
|--------------------------|---|
| Technical Name           | PAINT (Source of danger: Ethyl Acetate, Ethyl Acetate, Nitrocellulose, Isopropyl Alcohol) |
| ADR Class                | 3   |
| ADR Pack Group           | II  |
| Tunnels Restriction Code | D/E   |
| Danger Label             | 3   |
| Kemler Number            | 33  |
| UN Number                | 1263  |

#### **MARITIME TRANSPORT**

|                  |   |
|------------------|---|
| Technical Name   | PAINT (Source of danger: Ethyl Acetate, Ethyl Acetate, Nitrocellulose, Isopropyl Alcohol) |
| UN Number        | 1263  |
| IMDG Class       | 3   |
| Marine Pollutant | No  |
| Ems Number       | F-E, <u>S-D</u>   |
| IMDG Pack Group  | II  |
| Danger Label     | 3   |
| Flash Point      | -5 °C   |

Other indications relative to Maritime Transport:

-Not viscous product as per IMDG code 2.3.2.5

-Limited Quantity 5L/30 kg (gross)

Certified Packaging: Internal packaging: metal, glass, plastic  
External packaging: carton 4G

#### **IATA**

|                |   |
|----------------|---|
| Technical Name | PAINT (Source of danger: Ethyl Acetate, Ethyl Acetate, Nitrocellulose, Isopropyl Alcohol) |
| UN Number      | 1263  |
| IATA Class     | 3   |
| Danger Label   | 3   |
| Pack Group     | II  |
| Packing Instr. | 353 (Passenger) – Maximum Quantity 5L<br>364 (Cargo) – Maximum Quantity 60L               |

## SECTION 15: REGULATORY INFORMATION

No other data.

## SECTION 16: OTHER INFORMATION

### RELEVANT PHRASES

|      |                                      |
|------|--------------------------------------|
| H224 | Extremely flammable liquid and vapor |
| H225 | Highly flammable liquid and vapor    |
| H226 | Flammable liquid and vapor           |
| H302 | Harmful if swallowed                 |
| H315 | Causes skin irritation               |
| H318 | Causes serious eye damage            |
| H319 | Causes serious eye irritation        |
| H335 | May cause respiratory irritation     |
| H336 | May cause drowsiness and dizziness   |

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|         |  |
|---------|--|
| R10     | Flammable  |
| R11     | Highly Flammable                                       |
| R22     | Harmful if swallowed                                   |
| R36     | Irritating to eyes                                     |
| R37/ 38 | Irritating to respiratory system and skin              |
| R41     | Risk of serious damage to eyes                         |
| R66     | Repeated exposures may cause skin dryness and cracking |
| R67     | Vapors may cause drowsiness and dizziness              |