

# MATERIAL SAFETY DATA SHEET

This information sheet is in the format as devised for General Products under The General Product Safety Regulations 2005.

**Company name:** The GelBottle Inc

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**Date:** Feb. 17, 2023

**Product name and/or Reference number:** Matte Top Coat

**Information:**

## 1. PRODUCT DESCRIPTION/GENERAL INFORMATION/COMPOSITION

CHEMICAL NAME	INCI NAME	CAS No.	EC No.	WEIGHT (%)
Polyurethane-1	Polyurethane-1	N/A	N/A	60.0-85.0
1-Hydroxycyclohexyl Phenyl Ketone	1-Hydroxycyclohexyl Phenyl ketone	94-19-3	213-426-9	3.0-5.0
Hydroxyethyl Methacrylate	HEMA	868-77-9	212-782-2	5.0-20.0
CI 77811	Quartz	14808-60-7	238-878-4	3.0-5.0

**Physical and Chemical Properties:**

<b>FORM</b>	Liquid	<b>MELTING POINT/ MELTING RANGE</b>	No data	<b>FLAMMABILITY (solid, gaseous)</b>	Non-flammable
<b>COLOR</b>	Colorful	<b>BOILING POINT/ BOILING RANGE</b>	No data	<b>AUTOIGNITING</b>	Not available
<b>ODOR</b>	Like acrylic ester	<b>FLASHPOINT</b>	105°C	<b>DANGER OF EXPLOSION</b>	Not available

<b>DENSITY</b>	Not available	<b>OXIDIZING PROPERTIES</b>	Not available	<b>EXPLOSION LIMITS:</b> lower upper	Not available Not available
<b>RELATIVE DENSITY</b>	1.1-1.47	<b>VAPOR PRESSURE</b>		<b>EVAPORATION RATE</b>	Not available
<b>Solubility in water</b>	Not soluble in water	<b>pH value</b>	6-7		

## 2. CHEMICAL STABILITY AND REACTIVITY INFORMATION

**Stability:** Stable under normal conditions of storage and usage. Light and high temperatures will affect the stability.

**Hazardous polymerization:** Occurs when UV light is irradiated and some heat is released.

**Hazardous decomposition:** Oxides of carbon, oxides of nitrogen, dimethylamine, and irritating organic vapors.

**Incompatibility:** Strong acids, bases, and oxidizing agents.

**Conditions to avoid:** Heat, flames, sparks, and other sources of ignition.

## 3. HAZARD INFORMATION\*



The product has to be labeled due to the calculation procedure of international guideline.

Irritant to skin and eye:

<b>NFPA RATINGS</b>		<b>HMIS RATINGS</b>	
<b>HEALTH</b>	<b>1</b>	<b>HEALTH</b>	<b>1</b>
<b>FIRE</b>	<b>0</b>	<b>FIRE</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>	<b>REACTIVITY</b>	<b>0</b>

### **WARNING:**

Harmful if swallowed, absorbed through the skin, or inhaled.

May cause allergic reaction.

Can cause irritation to eyes, skin, nasal, and respiratory tract passages.

### **Handling advice/precautions during use/exposure controls/personal protection**

Ensure good ventilation.

Avoid contact with skin, eyes, and clothing.

Wash thoroughly after handling.

Do not breathe in the vapor or mist, and do not smoke.

Do not spray, heat, or consume.

Use impermeable gloves and protective clothing as necessary to avoid skin contact.

Goggles or eye protection are recommended during product refilling.

## **4. STORAGE CONSIDERATIONS**

Ensure good ventilation.

Keep ignition sources and flammable substances away.

Keep receptacles tightly sealed.

Avoid direct sunlight and high temperatures.

Store in a cool dry place at temperatures between 8-25 degrees Celsius/46.6-115.88 degrees Fahrenheit.

## **5. FIRST AID MEASURES**

**Inhalation:** Breathe in fresh air deeply; if symptoms persist, seek medical assistance.

**Skin contact:** Immediately wash your skin with soap and water, rinsing thoroughly.

Remove soiled clothing and wash before reuse. Seek medical assistance if symptoms persist.

**Eye contact:** Immediately flush eyes with cold water for at least 15 minutes. Seek urgent medical attention.

**Ingestion:** Seek medical help immediately, keep calm, and do not induce vomiting.

## **6. ACCIDENTAL RELEASE MEASURES (SPILLAGE, ETC.)**

**Environmental precautions:** Remove potential sources of ignition, and increase ventilation. Prevent product from entering drains or open water.

**Cleanup methods:** Soak up with inert absorbent material, and dispose. Do not flush with water or aqueous cleansing agents.

**Cleaning/collecting methods:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, or sawdust), and dispose contaminated material as waste according to the disposal guidelines.

## **7. RISK OF EXPLOSION AND IGNITION\***

**Flashpoint:** 105 degrees Celsius/221 degrees Fahrenheit.

**Extinguishing media:** CO<sub>2</sub>, sand, and extinguishing foam/powder. Do not use water.

**Unusual fire or explosion hazards:** Uncontrolled polymerization may occur at high temperatures, causing an explosion or rupture to storage containers.

## **8. ECOLOGICAL INFORMATION**

Water Hazard Class 1 (self-assessment by the manufacturer): Low hazard for water.

## **9. DISPOSAL INFORMATION**

Not hazardous waste. Dispose of according to local government regulations. Smaller quantities can be disposed with household waste.

## **10. TRANSPORTATION**

No restrictions.

**\*Please note: Finished cosmetic products are exempt from hazard symbol-labeling requirement.**