

MATERIAL SAFETY DATA SHEET

PRODUCT AND COMPANY INFORMATION

Date: 03 April 2022

Product name: Matte Top Coat

Product model: Gel Co London UV Matte Top Coat

classification: UV Matte Top Coat

Product Application: Apply as UV Matte Top Coat.

Company:

Gel Co London Ltd, 2 Upperton Gardens, Eastbourne, East Sussex, BN21 2AH,
United Kingdom

Email: support@gelcolondon.com Web: <https://www.gelcolondon.com/>

PRODUCT DESCRIPTION AND COMPOSITION

CHEMICAL NAME	CAS NO.	WEIGHT %
Acrylates copolymer	25133-97-5	80-90
Silica micropowder	7440-21-3	8-10
2,4,6 trimethylbenzoyldiphenyl phosphine	75980-8	2.5-3

PHYSICAL AND CHEMICAL PROPERTIES

Form / Physical state: Clear liquid

Colour: yellowish

Odour: acrylate resin

PH: 7

Density(g/m3): 1.05

STABILITY AND CHEMICAL REACTIVITY INFORMATION

Stability: light and high temperature may affect stability.

Storage temperature: 8 - 28 °C

Hazardous decomposition products: Oxides of carbon. Oxides of sulphur. Oxides of nitrogen. Oxides of phosphorus. Other organic gas
Incompatibility: Strong oxidising agents. Strong Acids & Alkaline.

HAZARD INFORMATION

The products contain acrylic resin and may cause mild irritation to skin, eyes and respiratory tract.

Accidental ingestion: Harmful to health

Accidental contact with eye/s: Irritant

Inhalation: First contact and prolonged short distance contact may cause irritation to the respiratory tract.

Skin: Excess contact may cause irritation, some people may experience allergic reactions.

FIRST AID MEASURES

Inhalation: remove the person to fresh air, if symptoms develop and persist, get medical attention.

Skin contact: immediately flush skin with plenty of cold water and soap, remove contaminated clothing and wash clothing before re-use. Seek medical attention if symptoms persist.

Eye contact: immediately flush eyes with plenty of cold water for at least 15 minutes. Seek urgent medical attention.

Ingestion: seek immediate medical help, keep the individual calm, don't induce vomiting.

HANDLING AND STORAGE

Handling: Prevent contact with eyes, skin and clothing. Do not breathe vapour and mist. Wash thoroughly after handling. Do NOT Heat or spray. Use only with adequate ventilation. Use only in area provided with appropriate exhaust ventilation

Storage: keep in a cool, well ventilated area away from heat, sparks and open flame. Keep the container tightly closed until ready for use. Do not return material to the bottle.

Quality guarantee period: 24 months.

PERSONAL PROTECTION

Use disposable gloves and adhere to measures referred to above.

TOXICOLOGICAL INFORMATION

This product doesn't contain solvent or carcinogenic material. The main irritant is acrylic esters, refer to section 4 above. This product has a low toxicity; LD50>3000mg/kg.

DISPOSAL AND ECOLOGICAL INFORMATION

This product shouldn't be disposed of into open water or sewers.

FIRE PREVENTION MEASURES

Flash point : 105°C

Auto ignition temperature: not available

Flammable/blast minimum levels: not available

Flammable blast maximum levels: not available

Fire extinguishing: foam fire extinguisher and dry-ice fire extinguishers

Special fire prevention measures: none

Unusual fire or explosion: uncontrollable polymerization at high temperature can cause explosion or crack of the bottle.

Harmful products of combustion: Oxides of carbon. Oxides of sulphur. Oxides of nitrogen.

Oxides of phosphorus. Other irritating organic gas.

TRANSPORTATION

No restrictions.