

Material Safety Data Sheet

Product Name: Color Gel Mixing Pen

Company: Guangzhou Taiji Electronic Co., Ltd.

Address: E1, 25/F, Everbright Bank Building, No.685-691 Tianhe North Road, Tianhe District, Guangzhou, Guangdong Province, China.

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Guangzhou Taiji Electronic Co., Ltd.



Product name: Color Gel Mixing Pen

Material Safety Data Sheet

Section 1 – Chemical Product and Company Identification

Product Name: Color Gel Mixing Pen

Manufacturer/Supplier:

Heyuan MissGel New Material Co., Ltd.

2/F., Bldg. A2, Xinhuaifeng Tech. Park, Hudieling Ind. Zone, Xiantang Town, Dongyuan County, Heyuan City, Guangdong Province, China.

Further information obtainable from:

Guangzhou Taiji Electronic Co., Ltd.

Information in case of emergency:

E1, 25/F, Everbright Bank Building, No.685-691 Tianhe North Road, Tianhe District, Guangzhou, Guangdong Province, China.

Fax No: 86-20-38730242

Tel No: 86-20-38732006

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Section 2 – Composition/Data on component

Description: Mixture of the substance listed below.

Chemical Name	CAS No.	EC No.	Weight (%)
POLYACRYLATE-2	31759-42-9	N/A	60
HEMA	868-77-9	212-782-2	34
TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE	75980-60-8	278-355-8	3
SILICA	112945-52-5	262-373-8	1
Colorants:			
CI 77891	13463-67-7	236-675-5	2
CI 77266	1333-86-4	215-609-9	2
CI 26100	85-86-9	N/A	2
CI 21230	6706-82-7	229-754-0	2
CI 74160	147-14-8	N/A	2

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Section 3 – Hazards Identification

Hazard description:

Information pertaining to particular dangers for man and environment:

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

Irritate to eyes, skin

Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

NFPA ratings (scale 0 - 4)



Health = 1

Fire = 0

Reactivity = 0

HMIS-ratings (scale 0 - 4)



Health = 1

Fire = 0

Reactivity = 0

Section 4 – First Aid Measures

General information:

Immediately remove any clothing soiled by the product.

After inhalation: In case of unconsciousness place patient stably in side position for transportation

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing: If symptoms persist consult doctor

Section 5 – Fire Fighting Measures

Suitable extinguishing agents: CO2, sand, extinguishing powder. Do not use water.

Protective equipment: Wear fully protective suit

Section 6 – Accidental Release Measures

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

Measures for environmental protection:

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Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Do not flush with water or aqueous cleansing agents.

Additional information: See Section 7 for information on safe handling.

Section 7 – Handling and Storage

Handling:**Information for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Storage:**Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Information about storage in one common storage facility:

Store away from flammable substances.

Further information about storage conditions:

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Section 8 – Exposure Controls and Personal Protection

Personal protective equipment:**General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory

protective device that is independent of circulating air.

Protection of hands:

Protective gloves

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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.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies

from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove

material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Goggles recommended during refilling.

Section 9 – Physical and Chemical Properties

General Information

Form: Liquid

Color: Red, yellow, blue, white, black

Odor: Like ester

Melting point/Melting range: Not available

Flash point: Not available

Flammability (solid, gaseous): Non-flammable

Auto igniting: Not available

Danger of explosion: Not available

Explosion limits:

Lower: Not available

Upper: Not available

Oxidizing properties Not available

Vapor pressure: Not available

Density: Not available

Relative density: Not available

Vapour density: Not available

Evaporation rate: Not available

Solubility in / Miscibility with

Water: Can not soluble in water

pH-value: No data

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Section 10 – Chemical Stability and Reactivity Information

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Materials to be avoided: Strong oxidizing agents, strong acid and strong base

Dangerous reactions: No dangerous reactions known.

Dangerous products of decomposition: CO, CO₂, nitrogen oxides if exposure to high temperature

Section 11 – Toxicological Information

No data

Section 12 – Ecological Information

Additional ecological information:

General notes:

Water hazard class 0 (Self-assessment): No hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Section 13 – Disposal Considerations

Product:

Recommendation:

Smaller quantities can be disposed of with household waste.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

Section 14 – Transportation Information

DOT regulations:

· **Hazard class:** N/A

· **Identification number:** N/A

· **Packing group:** N/A

· **Proper shipping name (technical name):** N/A

· **Label –**

Maritime transport IMDG:

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- **IMDG Class: N/A**
- **UN Number: N/A**
- **Label -**
- **Packaging group: N/A**
- **Marine pollutant: N/A**
- **Proper shipping name: N/A**

Land transport ADR/RID (cross-border):

- **ADR/RID class: N/A**
- **Danger code (Kemler): N/A**
- **UN-Number: N/A**
- **Packaging group: -**
- **Label: -**
- **Description of goods: N/A**

Air transport ICAO-TI and IATA-DGR:

- **ICAO/IATA Class: N/A**
- **UN/ID Number: N/A**
- **Label N/A**
- **Packaging group: N/A**
- **Proper shipping name: N/A**

Section 15 – Regulatory Information

Law information:

<<Technical Instructions for the Safe Transport of Dangerous Goods>>

<<Dangerous Goods Regulation>> (IATA)

<<International Maritime Dangerous Goods>>

OSHA Hazards

TSCA Status

DSL Status

SARA 302/311/312/313

In accordance with all Federal, State and Local laws

Product related hazard information:

The product has been classified and marked in accordance with directives on hazardous materials.

· **Hazard symbols:**

· **Risk phrases:**

Irritate to eyes, skin

Safety phrases:

Keep out of the reach of children.

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Keep container tightly closed and in a well-ventilated place.

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

If swallowed, seek medical advice immediately and show this container or label.

Section 16 – Other Information

The contents and format of this MSDS/SDS are in accordance with 29 CFR 1910.1200(g)

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