

# Material Safety Data Sheet

Product Name: PG4

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.

Written by: Candice Lee

Guangzhou Taiji Electronic Co., Ltd.



**Product name: PG4**

## Material Safety Data Sheet

### Section 1 - Chemical Product and Company Identification

**Product Name:** PG4

**Manufacturer/Supplier:**

Heyuan MissGel New Material Co., Ltd.

2/F., Bldg. A2, Xinhua Feng 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

E-mail: SALES@CYBERNAIL.COM

### Section 2 - Composition/Data on component

**Description:** Mixture of the substance listed below.

Chemical Name	CAS No.	EC No.	Weight (%)
Polycaprolactone	24980-41-4	207-938-1	60
HEMA	868-77-9	212-782-2	15.4
Silica	14464-46-1	238-455-4	9
Acrylate Copolymer	25035-69-2	607-492-1	7
Polyoxymethylene Urea	9011-05-6	618-464-3	6.6
TMO [(2,4,6-trimethylbenzoyl)bis(4-methylphenyl)phosphine oxide]	84434-11-7	282-810-6	1
CI 77891	1317-80-2	257-372-4	1

### Section 3 - Hazards Identification

**Hazard description:**

**Information pertaining to particular dangers for man and environment:**

Guangzhou Taiji Electronic Co., Ltd. Tel: 020-38732006 Fax: 020-38730242 [www.o2nails.com](http://www.o2nails.com)  
E1, 25/F, Everbright Bank Building, No.685-691 Tianhe North Road, Tianhe District, Guangzhou, Guangdong ,  
P.R.C.

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The product has to be labeled due to the calculation procedure of international guideline. Irritate in contact with skin, eyes.

**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 olive oil. Then consult a doctor.

**After swallowing:** If symptoms persist consult doctor

## Section 5 - Fire Fighting Measures

**Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.

**For safety reasons unsuitable extinguishing agents:** Water with full jet

## Section 6 - Accidental Release Measures

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

**Measures of environment protection:**

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

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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.

Ensure adequate ventilation.

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.

Prevent formation of aerosols.

**Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

**Storage:**

Requirements to be met by storerooms and receptacles: Store in a cool and dry location.

**Information about storage in one common storage facility:**

Store away from foodstuffs.

**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:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

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Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

**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

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:** No need.

## Section 9 - Physical and Chemical Properties

**General Information**

**Form:** Milky emulsion

**Odor:** Solvent odor

Change in condition

**Melting point/Melting range:** No data

**Boiling point/Boiling range:** No data

**Flash point:** > 200°C

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**Flammability (solid, gaseous):** Non-Flammable

**Ignition temperature:** No data

**Auto igniting:** No data

**Danger of explosion:** Formation of explosive air/vapor mixtures is impossible.

**Explosion limits:**

**Lower:** Not available

**Upper:** Not available .

**Oxidizing properties:** Not available

**Vapor pressure:** Not available

**Density:** No data

**Relative density:** Not available

**Vapour density:** Not available

**Viscosity:** No data Evaporation rate: Not available

**Solubility in / Miscibility with**

**Water:** Cannot soluble in water

**pH value:** no data

## 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

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**Dangerous reactions:** No dangerous reactions known.

**Dangerous products of decomposition:** No dangerous products

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## **Section 11 - Toxicological Information**

No data

## **Section 12 - Ecological Information**

**Additional ecological information:**

**General notes:**

Water hazard class 1 (Self-assessment): low hazardous for water

Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

## **Section 13 - Disposal Considerations**

**Product:**

**Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**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 -

Febitime transport IMDG:

- IMDG Class: N/A

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- UN Number: N/A
- Label -
- Packaging group: N/A
- EMS Number: N/A
- Febine pollutant: No
- 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 -
  - 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 Febitime Dangerous Goods»



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OSHA Hazards

TSCA Status

DSL Status

SARA 302/311/312/313

In accordance with all Federal, State and Local laws

Product related hazard information:

- Hazard symbols:

N/A

- Risk phrases:

Irritate to eyes and skin.

- Safety phrases:

Avoid contact with skin. Avoid contact with eyes.

## 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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