



# MSDS of Tech-5080

Revision date: August 18, 2024      Prepared in accordance with GB / T 16483 and GB / T 17519  
Version 2.0

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## 1. Chemical name and manufacturer information

**Product Name:** Tech-5080

**Manufacturer :** Tech Polymer Technology Co., Ltd Shanghai China

**Address:** Building 27, NO.588, Tianxiong Road, Pudong New Area, Shanghai

**Telephone Number:** +86-21-50796110

**Fax Number:** +86-21-50796113

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## 2. Chemical composition information

### Chemical Composition:

Polymer compounds containing pigment affinity groups (100%)

### Components Of Hazardous Substances:

Non hazardous ingredients

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## 3. Hazard overview

Emergency Overview: liquid without hard block after mixing. According to the globally



chemicals harmonized classification and labelling system (GHS), the product is non hazardous and has no GHS classification.

**GHS Hazard Category:**

According to the globally chemicals harmonized classification and labelling system (GHS), the product is non hazardous and has no GHS classification.

**Physical And Chemical Hazards:** According to the existing experience and data, there are no physical and chemical hazards when appropriate preventive measures are taken for normal use.

**Health Hazards:** According to the existing experience and data, there are no physical and chemical hazards when appropriate preventive measures are taken for normal use.

**Environmental Hazards:** No data.

**Other Hazards:** No data.

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## 4. First aid measures

**Inhalation:** immediately transfer to a place with fresh air to avoid injury

**Skin Contact:** take off the contaminated clothes at the first time and wash them with clean water or soapy water immediately

**Eye Contact:** in case of contact with eyes, wash immediately with plenty of water

**Ingestion:** do not induce vomiting, contact the hospital immediately

**Doctor Assistance Information:** there are no chemicals that require special assistance

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## 5. Fire fighting measures



**Hazardous characteristics:** no combustion

**Effective means of extinguishing fire:** foam, carbon dioxide, dry powder extinguisher or fire hydrant.

**Harmful substances that may be generated during fire extinguishing:** carbon dioxide and irritants generated by combustion

**Special equipment required for fire fighting:** if necessary, special protective clothing shall be worn during fire fighting

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## 6. Emergency treatment of leakage

**Personal precautions:** use personal precautions

**Environmental protection means:** the product cannot be introduced into the drainage pipeline

**Cleaning: absorption of inert materials** (e.g. sand, silica gel, sawdust, etc.).

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## 7. Handling and storage

**Precautions for operation:**

**Suggestions for safe use:** use ventilation equipment and do not take it orally

**Storage precautions:**



**Requirements for storage container and site:** the storage container shall be sealed and stored in a ventilated place

**Further requirements for storage conditions:** keep away from heat sources

## 8.Exposure contact and personal protection

**Allowable contact concentration at the workplace:**

| Compound  | CAS# | Standard type | Control parameters |                            | Source |
|-----------|------|---------------|--------------------|----------------------------|--------|
|           |      |               | Value [ppm]        | Value [mg/m <sup>3</sup> ] |        |
| No hazard |      |               |                    |                            |        |

**Personal protective facilities**

**Respiratory protection:** respiratory device shall be worn in the place with poor ventilation

**Hand protection:** wear work gloves

**Eye protection:** wear protective goggles

**Skin to body contact:** wear long sleeved clothes

**Sanitary means:** the operation needs to follow strict sanitary operation specifications

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## 9. Physical and chemical properties

**Form:** liquid

**Color:** brown

**Smell:** special smell

**Melting point:** no relevant data

**Flash point:** more than 100 ° C (closed cup test method)

**Initial boiling point:** more than 200 °C

**Steam pressure:** no relevant data

**Density:** 1.06 g / cm<sup>3</sup> at 20 ° C (1.013 HPA) test method: according to DIN EN ISO 2811-3

**Bulk density:** no relevant data

**Water solubility:** insoluble

**Viscosity at 20 ° C:** no relevant data

**Viscosity at 40 ° C:** no relevant data

**Surface tension:** no relevant data

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## 10. Stability and reactivity

**Stability:** stable

**Reactivity:**

**Service conditions to avoid:** direct use will not decompose

**Substances to avoid common use:** strong oxidants

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## 11. Toxicological data

**Acute oral toxicity:** no relevant data

**Skin contact toxicity:** no relevant data

**Eye contact:** no relevant data

**Toxic dose:** no relevant data

**Additional suggestion:** no relevant data

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## 12. Ecological data

**Ecotoxicity effect**

**Acute toxicity (toxicity to fish):** no relevant data

**Mobility:** no relevant data

**Microbial toxicity:** no relevant data

**Other side effects:** no relevant data

**Degradation information (residue and degradability)**

**Biodegradability:** no relevant data

**Bioaccumulation toxicity:** no relevant data

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## 13. Waste disposal

**Product:** dispose according to local regulations

**Empty drums not cleaned:** dispose of in accordance with local regulations

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## 14. Transportation information

### Land transportation

unrestricted

### Ocean shipping

unrestricted

### Air transport

unrestricted

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## 15. Regulatory information

### Applicable regulations

Decree No. 591 of the State Administration of work safety on the  
safety management of hazardous chemicals:

Catalogue of hazardous chemicals (2015 Edition) (non serious  
drugs): Not listed

List of dangerous chemicals liable to explosion: Not listed

Catalogue of hazardous chemicals (version 2015) (highly toxic  
products): Not listed

Hazardous chemicals (products only): No

The list of the first batch of key regulated hazardous chemicals  
published by the State Administration of work safety: Not listed

|                                                                                                                                   |                        |
|-----------------------------------------------------------------------------------------------------------------------------------|------------------------|
| The second batch of hazardous chemicals under key supervision published by the State Administration of work safety:               | Not listed             |
| List of hazardous chemicals under key environmental management:                                                                   | Not listed             |
| <b>Decree No. 653 of the State Council of the people's Republic of China on the administration of precursor chemicals:</b>        |                        |
| <b>Regulations on import and export management of precursor chemicals:</b>                                                        |                        |
| List of categories and varieties of precursor chemicals attached to the regulations on the administration of precursor chemicals: | Not listed             |
| <b>Regulations of the people's Republic of China on the administration of MCCs:</b>                                               |                        |
| List of various MCCs:                                                                                                             | Not listed             |
| List of toxic chemicals whose import and export are strictly restricted in China:                                                 | Not listed             |
| <b>Regulations on labor protection in workplaces where toxic substances are used:</b>                                             |                        |
| List of highly toxic substances:                                                                                                  | Not listed             |
| <b>Environmental management measures for new chemical substances:</b>                                                             |                        |
| List of existing chemical substances in China:                                                                                    | All ingredients listed |
| <b>Regulations on the management of ozone depleting substances:</b>                                                               |                        |
| List of controlled ozone depleting substances in China:                                                                           | Not listed             |
| Rotterdam Convention (Annex III):                                                                                                 | Not listed             |
| <b>Interim Provisions on supervision and management of major hazard installations of hazardous chemicals:</b>                     |                        |
| Gb18218 identification of major hazard installations of hazardous chemicals:                                                      | Not listed             |

## 16. Other information

The product information and relevant data provided by this MSDS are from current reliable resources and have been carefully corrected, but no commitment and guarantee are made for this. It is the user's responsibility to conduct necessary safety, loss and hazard assessment before using this product. This information is intended to provide users with reference to relevant basic data information. Please be sure to test its applicability. If you have other needs, please consult us or ask relevant departments for help.

