

**Safety Data Sheet**  
**According to Hazard Communication Standard (29 CFR 1910.1200)**

**Dip Powder**

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Version 2.0

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## 1. Identification

<b>Product name</b>	<b>Dip Powder</b>
<b>Synonyms</b>	-
<b>CAS #</b>	See section 3
<b>Product code</b>	-
<b>Product use</b>	Nail-painting.
<b>Manufacturer/Supplier</b>	
<b>Supplier(Manufacturer):</b>	ANHUI MINGRUI SYNTHETIC MATERIALS CO., LTD
<b>Address:</b>	West Zhongning Road, Mingguang City, Anhui Pro.,
<b>Contact person(E-mail):</b>	wuhux@163.com
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## 2. Hazard(s) identification

### GHS classification

<b>Physical hazards</b>	Not classified	
<b>Health hazards</b>	Skin corrosion/irritation	Category 2
	Skin sensitization	Category 1
	Serious eye damage/eye irritation	Category 2A
	Specific target organ toxicity after single exposure	Category 3
	specific target organ toxicity after repeated exposure	Category 2
<b>Environmental hazards</b>	Not classified	

### GHS label elements

#### Hazard Pictograms

#### Signal word

Warning

#### Hazard statement

Causes skin irritation.

May cause an allergic skin reaction. Causes serious eye irritation.

May cause respiratory irritation.

### Precautionary statement

#### Prevention

Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

Use only outdoors or in a well-ventilated area.

**Response** Wear protective gloves/eye protection/face protection.  
 If on skin: Wash with plenty of water.  
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center /doctor if you feel unwell.  
 Get medical advice/ attention if you feel unwell.  
 If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

**Storage** Store in a well-ventilated place. Keep container tightly closed.  
 Store locked up.

**Disposal** Dispose of contents/container in corroding with local regulation.

### 3. Composition / information on ingredients

Components (INCI Name)	CAS#	Percent
POLYMETHYL METHACRYLATE	80-62-6	80-100
TITANIUM DIOXIDE	13463-67-7	0-5
CI 77510	147-14-8	0-5
CI 15850	84632-65-5	0-5
CI 77492	10294-40-3	0-5
CI 77499	1332-37-2	0-5

### 4. First-aid Measures

#### First aid procedures

**Eye contact** Remove contact lenses. Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

**Skin contact** Wash thoroughly using copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

**Inhalation** Remove person from danger area. Supply person with fresh air and consult doctor according to symptoms.

**Ingestion** Rinse the mouth thoroughly with water. Give copious water to drink - consult doctor immediately.

**Notes to physician** Treat symptoms.

## 5. Fire-fighting measures

### Flammable properties

Not available.

### Extinguishing media

#### Suitable extinguishing media

Adapt to the nature and extent of fire. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### Unsuitable extinguishing media

Not available.

### Firefighting equipment/instructions

Wear self contained breathing apparatus for fire-fighting if necessary.

### Hazardous combustion products

Oxides of carbon.

## 6. Accidental release measures

### Personal precautions

Use personal protective equipment. Avoid breathing vapors. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.

### Environmental precautions

If leakage occurs, dam up. Resolve leaks if this possible without risk. Prevent from entering drainage system. Inform the competent authorities when water or canalization has been infiltrated.

### Methods for cleaning up

Keep in suitable, closed containers for disposal. Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13. Flush residue using copious water. Clean soiled bottles immediately.

## 7. Handling and storage

### Handling

Avoid contact with skin and eyes. Avoid inhalation of vapour. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2.2.

### Storage

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

## 8. Exposure controls / personal protection

### Control parameters:

### OCCUPATIONAL EXPOSURE LIMITS (OEL)

#### INGREDIENT DATA:

Source	Ingredient	TWA	STEL	Peak	Notes
US OSHA Permissible Exposure Levels (PELs) - Table Z1	ACRYLATES/VA COPOLYMER	Not Available	Not Available	Not Available	Not Available
US ACGIH Threshold Limit Values (TLV)	TITANIUM DIOXIDE	Not Available	Not Available	Not Available	TLV® Basis: Bronchitis
US OSHA Permissible Exposure Levels (PELs) - Table Z1	CI 77510	Not Available	Not Available	Not Available	Total dust

**EMERGENCY LIMITS:**

Ingredient	TEEL-1	TEEL-2	TEEL-3
ACRYLATES/VA COPOLYMER	60mg/m <sup>3</sup>	660 mg/m <sup>3</sup>	4000 mg/m <sup>3</sup>
TITANIUM DIOXIDE	0.71mg/m <sup>3</sup>	7.8mg/m <sup>3</sup>	1000 mg/m <sup>3</sup>

Ingredient	Original IDLH	Revised IDLH
ACRYLATES/VA COPOLYMER	Not Available	Not Available
TITANIUM DIOXIDE	Not Available	Not Available

**Exposure controls:**

**Appropriate engineering controls:** Use in a well-ventilated area.

**Individual protection measures, such as personal protective equipment:**

<b>Eye / face protection</b>	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
<b>Skin protection</b>	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments). Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the
<b>Respiratory protection</b>	For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate
<b>General hygiene considerations</b>	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

**9. Physical and chemical properties****Appearance**

<b>Physical state</b>	powder
<b>Form</b>	powder
<b>Color</b>	Colorless transparent
<b>Odor</b>	Slight
<b>Odor threshold</b>	Not available
<b>pH</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Melting point/Freezing point</b>	Not available
<b>initial boiling point and boiling range</b>	200 °C (392 °F)

<b>Flash point</b>	> 200°C seta flash
<b>Evaporation rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Explosion limits</b>	Not available
<b>Vapor density</b>	Not available
<b>Density</b>	1.31g/ml at 25°C (77°F)
<b>Solubility (water)</b>	Not available
<b>Partition coefficient</b>	log Pow= 4.52
<b>Auto-ignition temperature</b>	375 °C
<b>Decomposition temperature</b>	Not available

Specific gravity Not available  
 Density 0.65 g/ml at 25 °C (77 °F)  
 Flammability limits in air, upper, %by Not available  
 Flammability limits in air, lower, % by Not available  
 VOC Not available  
 Percent volatile Not available

**Other data**

Viscosity > 7.5 < 9.5 cPs

**10. Stability and reactivity**

Chemical stability Material is stable under normal conditions.  
 Conditions to avoid Incompatible materials. Strong heat.  
 Incompatible materials Avoid contact with oxidizing agents.  
 Hazardous decomposition products Oxides of carbon.  
 Possibility of hazardous reactions No decomposition when used as directed.

**11. Toxicological information**

**Toxicokinetics, metabolism and distribution:**

Non-human toxicological data: Not available

**Information on toxicological effects:**

**Acute toxicity:**

**POLYMETHYL METHACRYLATE**

LD50(Oral, Rat): >5000 mg/kg bw  
 LD50(Dermal, Rabbit): > 5000 mg/kg bw  
 LC50(Inhalation, Rat): Not available  
 Skin corrosion/Irritation: Causes skin irritation.  
 Serious eye damage/irritation: Causes serious eye irritation.  
 Respiratory or skin sensitization: May cause an allergic skin reaction.  
 Germ cell mutagenicity: Not classified  
 Carcinogenicity: Not classified  
 Reproductive toxicity: Not classified  
 STOT- single exposure: May cause respiratory irritation.  
 STOT-repeated exposure: May cause damage to organs through prolonged or repeated exposure.  
 Aspiration hazard: Not classified

**12. Ecological information**

**Toxicity:**

**POLYMETHYL METHACRYLATE**

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	0.904 mg/L	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	
EC50	5.8 mg/L	72h	Algae	OECD 201	N/A	

Persistence and degradability: Not available.  
 Bioaccumulative potential: Not available.

**Mobility in soil:** Not available.  
**Results of PBT&vPvB assessment:** Not available.  
**Other adverse effects:** No known significant effects or critical hazards.

### 13. Disposal considerations

**Disposal instructions** Dispose of contents/container in accordance with local/regional/national/international regulations.  
**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied.

### 14. Transport information

#### DOT

**Basic shipping requirements:**  
**UN number** Not regulated  
**Proper shipping name** Not regulated  
**Hazard class** Not regulated  
**Packing group** Not regulated  
**Environmental hazards** No

#### IATA

**UN number** Not regulated  
**UN proper shipping name** Not regulated  
**Transport hazard class(es)** Not regulated  
**Packing group** Not regulated  
**Environmental hazards** No

#### IMDG

**UN number** Not regulated  
**UN proper shipping name** Not regulated  
**Transport hazard class(es)** Not regulated  
**Packing group** Not regulated  
**Environmental hazards** No

### 15. Regulatory information

#### Safety, health and environmental regulations/legislation specific for the substance or mixture:

POLYMETHYL METHACRYLATE	"US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory" List.
TITANIUM DIOXIDE	"US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory" List. "US Toxic Substances Control Act (TSCA) - Premanufacture Notice (PMN) Chemicals" List.
CI 77510	"US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory" List.

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## 16. Other information, including date of preparation or last revision

### HMIS® ratings

Health: 2  
Flammability: 1  
Physical hazard: 0

### NFPA ratings

Health: 2  
Flammability: 1  
Instability: 0

### Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

### Issue date

11-28-2021