Paint Marker Pens

Safety Data Sheet (SDS) Conforms to Reg. (EC) No 1907/2006, Reg. (EC) No 1272/2008 and their amendments

Version:1.0

SECTION 1: Identification of the product and the company/undertaking

1.1. Product identifier

Product name:	Paint Marker Pens
Synonyms:	None
Proper shipping name:	None
Other identities:	None

1.2. Relevant identified uses of the product and uses advised against

1.2.1. Relevant identified uses

Used for the pen.

1.2.2. Uses advised against

Advise against other uses.

1.3. Details of the supplier of the safety data sheet

Supplier name:	SHENZHEN XMPEN FACTORY STATIONERY PRODUCTS CO.,LTD
Address:	NO.85,BLOCK 2 YONGYI INTERNATIONAL,SHAJING TOWN BAOAN DISTRICT SHENZHEN,P.R.China.
Telephone:	+86-755-2727862
Emergency telephone:	+86-755-2727862
E-mail:	yuxianche@163.com

Importer name:	
Address:	
Telephone:	
E-mail:	

1.4. Emergency telephone number

Country	Advisory body	Address	Emergency number

SECTION 2: Hazards identification

2.1. Classification of the product

Classification according to Directive 67/548/EEC(DSD)

In case of mixtures, classification has been prepared by following DPD (Directive 1999/45/EC) and CLP Regulation (EC) No 1272/2008 regulations

Classification according to Directive 1999/45/EC(DPD)

Risk codes	Risk phrases
Xn;R22	Harmful if swallowed.
Xi;R36	Irritating to eyes
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of R-, H- and EUH-phrases: see section 16.

Other adverse physico-chemical, human health and environmental effects

Contains (AF203) may cause skin sensitization.

2.2. Label elements

Labelling according to Directive 1999/45/EC

Symbol:



Xn； Xi

Indication(s) of danger: Harmful

Irritant

Safety advice: S25: Avoid contact with eyes.

S39: Wear eye/face protection

S29: Do not empty into drains.

S35: This material and its container must be disposed of in a safe way.

S26: In case of contact with eyes, rinse with plenty of water and contact Doctor or Poisons Information Centre.

S46: If swallowed, IMME DIATE LY contacts Doctor or Poisons Information Centre. (Show this container or label).

S57: Use appropriate container to avoid environmental contamination.

S61: Avoid release to the environment. Refer to special instructions/Safety data sheets

Labelling according to Regulation (EC) No 1272/2008 (CLP)

Hazard pictogram:



Signal word: Warning

Hazard statements: H302: Harmful if swallowed

H319: Causes serious eye irritation

H412: Harmful to aquatic life with long lasting effects

Precautionary statements:

Prevention: P264: Wash thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response: P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330: Rinse mouth.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Disposal: P337+P313: If eye irritation persists: Get medical advice/attention.

P501: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable.

3.2. Mixture

CAS#	Name	% w/w	Classification according to (EEC) No 67/548 (DSD)	Classification according to (EC) No 1272/2008 (CLP)
Yellow				
6358-31-2	PigMent Yellow 74	0-12	Xn; R22 Xi; R36	Acute toxicity category 4;H302 Eye Irritation category 2; H319
7732-18-5	Water	53.82-60.292	Not classified	Not classified
25085-34-1	Acrylic acid-styrene copolymer	21-35	R52	Not classified
64-17-5	Ethanol	6-10	F; R11	Flammable Liquid category 2;H225
25265-77-4	Texanol Ester Alcohol	0.528-0.88	Not classified	Not classified
26172-55-4	Isothiazolinone	0.18-0.3	Xi; R36/38 R43	Eye Irritation category 2; H319 Skin irritation category 2;H315 Skin sensitization category 1;H317
Medium yellow				
6528-34-3	PigMent Yellow 65	0-12	Xn; R22 Xi; R36	Acute toxicity category 4;H302 Eye Irritation category 2; H319
7732-18-5	Water	53.82-60.292	Not classified	Not classified
25085-34-1	Acrylic acid-styrene copolymer	21-35	R52	Not classified
64-17-5	Ethanol	6-10	F; R11	Flammable Liquid category 2;H225
25265-77-4	Texanol Ester Alcohol	0.528-0.88	Not classified	Not classified
26172-55-4	Isothiazolinone	0.18-0.3	Xi; R36/38 R43	Eye Irritation category 2; H319 Skin irritation category 2;H315 Skin sensitization category 1;H317
Dark yellow				
51274-00-1	Pigment Yellow 42	0-12	Xn; R22 Xi; R36	Acute toxicity category 4;H302 Eye Irritation category 2; H319
7732-18-5	Water	53.82-60.292	Not classified	Not classified

CAS#	Name	% w/w	Classification according to (EEC) No 67/548 (DSD)	Classification according to (EC) No 1272/2008 (CLP)
25085-34-1	Acrylic acid-styrene copolymer	21-35	R52	Not classified
64-17-5	Ethanol	6-10	F; R11	Flammable Liquid category 2;H225
25265-77-4	Texanol Ester Alcohol	0.528-0.88	Not classified	Not classified
26172-55-4	Isothiazolinone	0.18-0.3	Xi; R36/38 R43	Eye Irritation category 2; H319 Skin irritation category 2;H315 Skin sensitization category 1;H317
Red				
61847-48-1	Pigment Red 188	0-12	Xn; R22 R52/53	Eye Irritation category 2; H319
7732-18-5	Water	53.82-60.292	Not classified	Not classified
25085-34-1	Acrylic acid-styrene copolymer	21-35	R52	Not classified
64-17-5	Ethanol	6-10	F; R11	Flammable Liquid category 2;H225
25265-77-4	Texanol Ester Alcohol	0.528-0.88	Not classified	Not classified
26172-55-4	Isothiazolinone	0.18-0.3	Xi; R36/38 R43	Eye Irritation category 2; H319 Skin irritation category 2;H315 Skin sensitization category 1;H317
Magenta				
980-26-7	Pigment Red 122	0-12	Xn; R22 Xi; R36 R52/53	Acute toxicity category 4;H302 Eye Irritation category 2; H319
7732-18-5	Water	53.82-60.292	Not classified	Not classified
25085-34-1	Acrylic acid-styrene copolymer	21-35	R52	Not classified
64-17-5	Ethanol	6-10	F; R11	Flammable Liquid category 2;H225

CAS#	Name	% w/w	Classification according to (EEC) No 67/548 (DSD)	Classification according to (EC) No 1272/2008 (CLP)
25265-77-4	Texanol Ester Alcohol	0.528-0.88	Not classified	Not classified
26172-55-4	Isothiazolinone	0.18-0.3	Xi; R36/38 R43	Eye Irritation category 2; H319 Skin irritation category 2;H315 Skin sensitization category 1;H317
Dark red				
1309-37-1	Pigment Red 101	0-12	Xi; R36	Eye Irritation category 2; H319
7732-18-5	Water	53.82-60.292	Not classified	Not classified
25085-34-1	Acrylic acid-styrene copolymer	21-35	R52	Not classified
64-17-5	Ethanol	6-10	F; R11	Flammable Liquid category 2;H225
25265-77-4	Texanol Ester Alcohol	0.528-0.88	Not classified	Not classified
26172-55-4	Isothiazolinone	0.18-0.3	Xi; R36/38 R43	Eye Irritation category 2; H319 Skin irritation category 2;H315 Skin sensitization category 1;H317
Blue				
147-14-8	Pigment Blue 15	0-12	Xn; R22 Xi; R36	Acute toxicity category 4;H302 Eye Irritation category 2; H319
7732-18-5	Water	53.82-60.292	Not classified	Not classified
25085-34-1	Acrylic acid-styrene copolymer	21-35	R52	Not classified
64-17-5	Ethanol	6-10	F; R11	Flammable Liquid category 2;H225
25265-77-4	Texanol Ester Alcohol	0.528-0.88	Not classified	Not classified
26172-55-4	Isothiazolinone	0.18-0.3	Xi; R36/38 R43	Eye Irritation category 2; H319 Skin irritation category 2;H315 Skin sensitization category 1;H317

CAS#	Name	% w/w	Classification according to (EEC) No 67/548 (DSD)	Classification according to (EC) No 1272/2008 (CLP)
Green				
1328-53-6	Pigment Geen 7	0-12	Xn; R22 Xi; R36 R52/53	Acute toxicity category 4;H302 Eye Irritation category 2; H319
7732-18-5	Water	53.82-60.292	Not classified	Not classified
25085-34-1	Acrylic acid-styrene copolymer	21-35	R52	Not classified
64-17-5	Ethanol	6-10	F; R11	Flammable Liquid category 2;H225
25265-77-4	Texanol Ester Alcohol	0.528-0.88	Not classified	Not classified
26172-55-4	Isothiazolinone	0.18-0.3	Xi; R36/38 R43	Eye Irritation category 2; H319 Skin irritation category 2;H315 Skin sensitization category 1;H317
Brown				
1309-37-1 1333-86-4 51274-00-1	Pigment Red 101 Pigment Black 6 Pigment Yellow 42	0-12	Xn; R22 Xi; R36 R52/53	Acute toxicity category 4;H302 Eye Irritation category 2; H319
7732-18-5	Water	53.82-60.292	Not classified	Not classified
25085-34-1	Acrylic acid-styrene copolymer	21-35	R52	Not classified
64-17-5	Ethanol	6-10	F; R11	Flammable Liquid category 2;H225
25265-77-4	Texanol Ester Alcohol	0.528-0.88	Not classified	Not classified
26172-55-4	Isothiazolinone	0.18-0.3	Xi; R36/38 R43	Eye Irritation category 2; H319 Skin irritation category 2;H315 Skin sensitization category 1;H317
White				
13463-67-7	Titanium dioxide	0-12	Xn; R22 Xi; R36 R52/53	Acute toxicity category 4;H302 Eye Irritation category 2; H319 Chronic aquatic toxicity category 3;H412

CAS#	Name	% w/w	Classification according to (EEC) No 67/548 (DSD)	Classification according to (EC) No 1272/2008 (CLP)
7732-18-5	Water	53.82-60.292	Not classified	Not classified
25085-34-1	Acrylic acid-styrene copolymer	21-35	R52	Not classified
64-17-5	Ethanol	6-10	F; R11	Flammable Liquid category 2;H225
25265-77-4	Texanol Ester Alcohol	0.528-0.88	Not classified	Not classified
26172-55-4	Isothiazolinone	0.18-0.3	Xi; R36/38 R43	Eye Irritation category 2; H319 Skin irritation category 2;H315 Skin sensitization category 1;H317
Black				
1333-86-4	Pigment Black 6	0-12	Xn; R22 Xi; R36 R52/53	Acute toxicity category 4;H302 Eye Irritation category 2; H319
7732-18-5	Water	53.82-60.292	Not classified	Not classified
25085-34-1	Acrylic acid-styrene copolymer	21-35	R52	Not classified
64-17-5	Ethanol	6-10	F; R11	Flammable Liquid category 2;H225
25265-77-4	Texanol Ester Alcohol	0.528-0.88	Not classified	Not classified
26172-55-4	Isothiazolinone	0.18-0.3	Xi; R36/38 R43	Eye Irritation category 2; H319 Skin irritation category 2;H315 Skin sensitization category 1;H317
Dark black				
16291-96-6	Pigment Black 7	0-12	Not classified	Not classified
7732-18-5	Water	53.82-60.292	Not classified	Not classified
25085-34-1	Acrylic acid-styrene copolymer	21-35	R52	Not classified

CAS#	Name	% w/w	Classification according to (EEC) No 67/548 (DSD)	Classification according to (EC) No 1272/2008 (CLP)
64-17-5	Ethanol	6-10	F; R11	Flammable Liquid category 2;H225
25265-77-4	Texanol Ester Alcohol	0.528-0.88	Not classified	Not classified
26172-55-4	Isothiazolinone	0.18-0.3	Xi; R36/38 R43	Eye Irritation category 2; H319 Skin irritation category 2;H315 Skin sensitization category 1;H317

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Move victim to fresh air. If not breathing, give artificial respiration. Get medical attention.

Skin contact: Immediately wash with plenty of soap and water. Get medical attention if irritation occurs.

Eye contact: Immediately flush eyes with running water for at least 20 minutes holding eyelids open. Get medical attention.

Ingestion: Do not induce vomiting. Give 1-2 glasses of water to a conscious victim. Never give anything by mouth to an unconscious victim. Get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Inhaled:

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models).Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

Ingestion:

The material may be damaging to the health of the individual, following ingestion, especially where pre-existing organ (e.g liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally based on doses producing mortality rather than those producing morbidity (disease, ill-health).

Skin Contact:

Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage following entry through wounds, lesions or abrasions.

Eye:

When applied to the eye(s) of animals, the material produces severe ocular lesions which are present twenty-four hours or more after Instillation.

Chronic:

Long-term exposure to the product is not thought to produce chronic effects adverse to health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.

4.3. Indication of any immediate medical attention and special treatment needed

Get medical attention and treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO_2).

5.2. Special hazards arising from the product

No data available.

5.3. Advice for firefighters

Alert Fire Brigade and tell them location and nature of hazard.

Wear breathing apparatus plus protective gloves.

Prevent, by any means available, spillage from entering drains or water courses.

Use water delivered as a fine spray to control fire and cool adjacent area.

DO NOT approach containers suspected to be hot.

Cool fire exposed containers with water spray from a protected location.

Only when safe to do so, remove containers from path of fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Wear chemical goggles and chemical resistant gloves.

6.1.2. For emergency responders

Wear breathing apparatus plus protective gloves. Remove ignition sources and provision of sufficient ventilation, evacuate the danger area and consult experts.

6.2. Environmental precautions

Take precautions to prevent entry into waterways, sewers, or surface drainage systems. Dispose according to local or international regulations.

6.3. Methods and material for containment and cleaning up

Use appropriate tools to put the spilled chemicals in suitable container for recovery or disposal.

6.4. Reference to other sections

Refer to Section 8 for Personal Protective Equipment advice.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: PP materials. Refer to section 10.

Storage incompatibility: Avoid reaction with strong acid, alkali and oxidizing agents.

7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2, no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available.

8.2. Exposure controls

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

The basic types of engineering controls are:

Process controls which involve changing the way a job activity or process is done to reduce the risk.

Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.

General Personal Protection: Safety goggles or face shield, chemical resistant gloves, protective clothing and apparatus.

SECTION 9: Physical and chemical properties

9.1. Information on basic physica l and chemical properties

Physical state:	White,black,dark black,red,dark red,brown,dark yellow,medium yellow,yellow,green,blue,magenta liquid
Colour:	White,black,dark black,red,dark red,brown,dark yellow,medium yellow,yellow,green,blue,magenta
Odour:	Odourless
pH:	8-9
Melting point/freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Vapour pressure:	No data available
Relative density:	No data available
Water solubility:	No data available
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Flammability:	Not flammable
Upper/lower explosive limits:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Dissociation constants:	No data available
Surface tension:	No data available
Viscosity:	No data available

9.2. Other information

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

May react with strong acid, alkali, oxidizing agents and incompatible materials.

10.2. Chemical stability

Product is considered stable during storage and transporation under normal condition.

10.3. Possibility of hazardous reactions

Hazardous reactions may occur if contact with incompatible material.

10.4. Conditions to avoid

High temperature, ignition sources (sparks, flames, static), incompatible materials.

10.5. Incompatible materials

Strong acid, alkali and oxidizing agents

10.6. Hazardous decomposition products

On combustion or thermal decomposition, may emit toxic fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No data available for the mixture.

SECTION 12: Ecological information

12.1. Aquatic toxicity

No data available for the mixture.

12.2. Persistence and degradability

Biodegradation:	No data available
Abiotic degradation:	No data available

12.3. Bioaccumulative potential

Bioconcentration factor (BCF):	No data available

12.4. Mobility in soil

Distribution to environmental compartments:	No data available
Adsorption/Desorption:	No data available

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal: refer to specific national regulation.

Contaminated packaging: contaminated, empty containers must be disposed of as chemical waste.

SECTION 14: Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations

Label required

None

Transport information

14.1	UN Number	None
14.2	Shipping name	None
14.3	Road (ADR)	None
	Rail (RID)	None
	Air (ICAO/IATA)	None
	Sea (IMO/IMDG)	None
14.4	ADR-Packing Group:	None
14.5	Environmental Pollutant:	None
	Marine pollutant:	None
14.6	Special Precautions for User	None

14.7. Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC code

No data available

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - 67/548/EEC, 1999/45/EC, Regulation (EC) No 1272/2008, Regulation (EC) No 1907/2006, 98/24/EC, 92/85/EEC, 94/33/EC, 91/689/EEC and 1999/13/EC.

15.1.2. International/national regulations

UN recommendation on the transport of dangerous goods

15.1.3. Regulation for ingredients

None

15.2. Chemical safety assessment

No chemical safety assessment report was provided for this safety data sheet compilation.

SECTION 16: Other information

16.1 Key literature references and sources for data

- ESIS (European chemical Substances Information System), *http://esis.jrc.ec.europa.eu/*
- Information on Chemicals in ECHA website, *http://echa.europa.eu/information-on-chemicals*
- IFA GESTIS - International limit values for chemical agents - Occupational exposure limits (OELs), *http://www.dguv.de/ifa/en/gestis/limit_values/index.jsp*

16.2 List of relevant hazard statements and risk phrases

R phrase	R11: Highly flammable. R38: Irritating to skin. R43: May cause sensitization by skin contact. R41: Risk of serious damage to eyes. R34: Causes burns.
H phrase	H225: Highly flammable liquid and vapour. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H314: Causes severe skin burns and eye damage.

16.3 Other

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

For detailed advice on Personal Protective Equipment, refer to the following EUCEN Standards:

EN 16 Personal eye-protection
EN 340 Protective clothing
EN 374 Protective gloves against chemicals and micro-organisms
EN 13832 Footwear protecting against chemicals
EN 133 Respiratory protective devices

The information presented in this SDS is based on our current knowledge and available data as of the issue date, and is only intended to describe the product for the purposes of protecting human health and environment from potential hazard. It should not therefore be construed as guaranteeing any specific property of the product.