

Safety Data Sheet

Report No.: CQC2303170001SE



SDS

According to (EC) 453-2010 & (EC) 1907/2006 & (EU) 2020/878

Applicant: GuangZhou Silohi Stationery Co.,Ltd.

Address: No. 112, Zhongsheng Road, Shibi Street, Panyu District, Guangzhou City, Guangdong Province, China.

Product Name: Oil-base ink for marker

Issue Date: Mar. 21st, 2023

Edited By: Zhongzheng Certification Testing Service (Dongguan) Co., LTD

Written by: Cathy Yang

Checked by: Grace Lin

Approved by: Tammy He



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Section 1 - Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: Oil-base ink for marker

REACH Registration number: No registration number is given yet.

UFI: N/A

Additional identification: Nanoform is not covered by this SDS

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Writing ink.

Uses advised against: No information available.

1.3 Details of the supplier of the material safety data sheet

Company Name: /

Address: /

Tel: /

Fax: /

E-mail: /1024521810@qq.com

1.4 Emergency telephone number:18924108393

Section 2 - Hazards identification

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008[CLP]

This product is classified according to the CLP regulation.

Flam. Liq. 2: H225

Eye Irrit. 2: H319

STOT SE 3: H336

2.2 Label elements

Labeling according to Regulation (EC) No 1272/2008[CLP]

This product is classified and labeled according to the CLP regulation.

Hazard pictograms:



GHS02



GHS07

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Signal word: Danger

Hazard statements:

- H225 Highly Flammable liquid and vapor
H319 Causes serious eye irritation
H336 May cause drowsiness or dizziness

Precautionary statement:

- P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash face and hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water [or shower].
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P312 Call a POISON CENTER or doctor/... if you feel unwell.
P337+P313 IF eye irritation persists: Get medical advice/attention.
P370+P378 In case of fire: Use the appropriate extinguishing medium mentioned in Part 5 of SDS to extinguish.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/containers in accordance with local / regional / national / international regulations

2.3 Other hazards:

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

Results of endocrine disrupting properties assessment:

This mixture does not contain endocrine disruptor.

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Section 3 - Composition/Information on Ingredient

3.1 Chemical characterization: Mixtures.

Description: No information available.

Product: Consisting of the following components.

Chemical Name	Index No.	CAS No.	EC No.	Concentration	Classification	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)
Vinyl acetal polymer	--	63148-65-2	613-158-6	3.5%	--	--
Phenol formaldehyde polymer	--	9003-35-4	500-005-2	4.5%	--	--
Absolute ethanol	603-002-00-5	64-17-5	200-578-6	67%-76%	Flam. Liq. 2: H225	--
Solvent Red119	--	12237-27-3	602-676-8	0.1%-20%	--	--
Solvent Yellow79	--	12237-31-9	602-681-5	0.1%-20%	--	--
Solvent Blue70	--	12237-24-0	602-674-7	0.1%-20%	--	--
Lsopnopropanol	603-117-00-0	67-63-0	200-661-7	5%-15%	Flam. Liq. 2: H225 Eye Irrit. 2: H319 STOT SE 3: H336	--

Section 4 - First Aid Measures

4.1 Description of first aid measures

General description: In case of doubt, seek medical help.

After inhalation:

Remove from exposure and move to fresh air immediately. Keep comfortable for breathing. Get medical aid.

After skin contact:

Take off Immediately all contaminated clothing. Rinse with running pure water for at least 15 minutes. If skin irritation or rash occurs, get medical aid.

After eye contact:

Rinse cautiously with water for several minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses if present and easy to do - continue rinsing. If eye irritation persists, Get medical aid.

After Ingestion:

Rinse mouth with water. Get medical aid. Do not induce vomiting unless directed by a medical professional.

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

May cause serious eye irritation, drowsiness or dizziness.

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

No relevant information available.

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Section 5 – Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Use dry chemical, carbon dioxide, sand or chemical foam.

Unsuitable extinguishing media: Water.

5.2 Special hazards arising from the substance or mixture:

Flammable. Vapors may form explosive mixture with air. Combustion explosion would occur in case of open fire or high heat.

5.3 Advice for firefighters

Firefighters should wear appropriate breathing apparatus and protective equipment.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Isolate the contaminated area of leakage, set warning signs around it, and strictly restrict access. Cut off the fire. It is recommended that emergency personnel wear self-contained positive pressure breathing apparatus and antistatic clothes. Avoid inhaling vapors, aerosols or gases. Cut off the source of leakage as much as possible. Prevent the flow into the sewer, flood drainage ditch and other restricted Spaces.

6.2 Environmental precautions:

Avoid release to the environment. Avoid empty into drains, surface water and ground water.

6.3 Methods and material for containment and cleaning up:

Absorb spilled material with an inert absorbent (dry sand and earth). Sweep and shovel contaminated absorbent into a suitable container for proper disposal.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Section 7 - Handling and Storage

7.1 Precautions for safe handling:

Pay attention to ventilation. Operators must be specially trained and strictly follow the operating procedures. Operators should wear a self-priming filter gas mask (half mask), chemical safety glasses, antistatic clothes and protective gloves. Keep away from fire and heat source. No smoking in the workplace. Use explosion-proof ventilation systems and equipment. Prevent steam from escaping into

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the workplace air. There should be a grounding device to prevent electrostatic accumulation. Handle with care to avoid damaging packages and containers. Equipped with corresponding varieties and quantities of fire equipment and leakage emergency treatment equipment.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry, cool and well-ventilated place. Keep container tightly closed. Keep cool. Keep away from fire and heat. Explosion-proof lighting and ventilation facilities are adopted. Do not use mechanical equipment and tools that are prone to spark. The storage area should be equipped with leak emergency treatment equipment and suitable holding materials.

7.3 Specific end use(s):

No further relevant information available.

Section 8 - Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

Country	Limit value - Eight hours		Limit value - Short	
	ppm	mg/m ³	ppm	mg/m ³
64-17-5 Absolute ethanol				
USA-OSHA	1000	1900	-	-
South Korea	1000	1900	-	-
Ireland	-	-	1000	-
Germany (AGS)	500	960	1000	1920
Denmark	1000	1900	2000	3800
Australia	1000	1880	-	-
USA-ACGIH	-	-	1000	-
USA - NIOSH	1000	1900	-	-
67-63-0 Lsopnopropanol				
USA-OSHA	400	980	-	-
South Korea	200	480	400	980
Ireland	200	-	400	-
Germany (AGS)	200	500	400	1000
Denmark	200	490	400	980
Australia	400	983	500	1230
USA-ACGIH	200	-	400	-

8.2 Exposure controls

Appropriate engineering controls:

The production process is closed and fully ventilated. Provide safe shower and eye wash facilities.

Respiratory Protection:

When possible contact with its vapor, should wear self-priming filter type gas mask (half mask). During emergency rescue or evacuation, it is recommended to wear air breathing apparatus.

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Skin Protection:

Wear antistatic clothes

Eye protection:

Wear safety goggles.

Environmental exposure controls:

Control measures must comply with Community environmental protection legislation.

Other protection:

Smoking is strictly prohibited on site. Take shower after work. Pay attention to personal hygiene.

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	/
Odour:	/
Odour threshold:	/
PH-value:	/
Melting point/Melting range:	/
Boiling point/Boiling range:	/
Flash point:	/
Flammability(solid,gas,liquid):	Product is flammable.
Self-igniting:	Product is not self-igniting.
Danger of explosion:	Vapors may form explosive mixture with air. Combustion explosion would occur in case of open fire or high heat.
Vapour pressure:	/
Density:	/
Solubility in/Miscibility with Water:	Solube
Partition coefficient(n-octanol/water):	/
Kinematic viscosity:	/
Particle characteristics:	/
Other information:	/

9.2 Additional information: No data available

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Section 10 - Stability and Reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions.

10.2 Chemical stability

Stable under normal conditions of use, storage and transport.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Keep away from heat and fire.

10.5 Incompatible materials

Strong oxidant, strong acids and strong base.

10.6 Hazardous decomposition products

No data available.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Acute toxicity:

64-17-5 Ethanol:

LD50:7060 mg/kg(rabbit transoral); 7430 mg/kg(Rabbit Transdermal)

LC50:37620 mg/m³, 10 hours (rat inhalation)

67-63-0 Lsopnopropanol:

LD50:5000mg/kg (rat transoral); 3600mg/kg (mouse oral); 6410mg/kg (rabbit meridian mouth);

12800mg/kg (Rabbit Transdermal)

Skin corrosion/irritation:

No information available.

Serious eye damage/irritation:

May cause serious eye irritation.

Respiratory or skin sensitization:

No information available.

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Toxicokinetics, metabolism and distribution:

No information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

No information available.

11.2 Information on other hazards:

Endocrine disrupting properties:

This mixture does not contain endocrine disruptor.

Section 12 - Ecological Information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties

This mixture does not contain endocrine disruptor.

12.7 Other adverse effects

No information available.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Dispose of in accordance with applicable regional and local laws and regulations.

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Section 14 - Transport Information

14.1 UN-Number

ADR, RID, ADN, IMDG, IATA

UN1993

14.2 UN proper shipping name

ADR, RID, ADN, IMDG, IATA

FLAMMABLE LIQUID, N. O. S.

14.3 Transport hazard class (es)

ADR, RID, ADN, IMDG, IATA

Class

3



Label

14.4 Packing group

ADR, RID, ADN, IMDG, IATA

/

14.5 Environmental hazards

N/A

14.6 Special precautions for user

Warning: Flammable liquids

14.7 Transport in bulk according to Annex II of MARPOL and the IBC UN "Model Regulation":

N/A

N/A

Section 15 - Regulatory Information

Regulation(EC)No 1272/2008

Commission Regulation 2017/542

COMMISSION REGULATION(EU)2020/878

Regulation(EC)No 1907/2006

Regulation(EU)No 528/2012

Regulation(EU)No 1107/2009

SVHC Candidate list of REACH Regulation Annex XIV Authorization

REACH Regulation Annex XVII Restriction

REACH Regulation Annex XIV Authorization List

Dangerous Goods Regulations

Recommendations on the Transport of Dangerous Goods-Model Regulations

International Maritime Dangerous Goods

Technical Instructions for the Safe Transport of Dangerous Goods

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Section 16 - Additional Information

Relevant phrases:

Flam. Liq. 2: Flammable liquids, Category 2

Eye Irrit. 2: Serious eye damage/eye irritation, Category 2

STOT SE 3: Specific target organ toxicity, single exposure; Narcotic effects, Category 3

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

Reference: N/A

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