Centre Testing International

S D S

Report Number : **SHR 090805 9366 1003**

Applicant : **Shanghai Chenjie Printing Materials Co., Ltd**

Address : **918#, Building 1, No.199, Jiangkai Road**

Minhang District, Shanghai

Sample Name : **Printing ink**

Compiled by : Rain Wan

Inspected by : Kathy Ren

Approved by : Rebecca. Lu

Issue date : **Mar 15, 2024**

Safety Data Sheet (SDS)

According to EU Regulation (EC) No.1907/2006, Article 31 & Annex II

Printing date 15.3.2024 *Revision date 15.3.2024*

1 Identification of the substance/preparation and of the company/undertaking

· **Product details**

· **Product name: Printing ink**
· **Product type/code:** None
· **File Number:** SHR 090805 9366 1003
· **Application of the substance / the preparation:** Printing

· **Manufacturer/Supplier:**
SHANGHAI CHENJIE PRINTING MATERIALS CO., LTD.

ADD: 918#, Building 1, No.199, Jiangkai Road Minhang District, Shanghai
Tel: 86-21-61311286
Postcode: 201114
Mail: jina.luo@cjyscl.com

· **Emergency Phone:** 86-13391350272

· **General information:** This product is not dangerous.
· **Hazard description:** Not applicable.
· **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of the "General Classification guideline for chemicals of 67/548/EEC and 1999/45/EC" as well as 1272/2008/EC in the latest valid version.
· **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
· **GHS label elements:**
Not applicable

3 Composition/information on ingredients

· **Description:**
Mixture: consisting of the following components.

Ingredient	CAS No.	EC No.	Concentration%
Rosin modified phenolic resin	67700-45-2	--	25-40%
White mineral oil	8042-47-5	232-455-8	25-40%
Linseed oil	8001-26-1	232-278-6	10-20%
Pigment Yellow 13	5102-83-0	225-822-9	15-20%
Calcium carbonate	471-34-1	207-439-9	0-5%

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· **Dangerous components:** Void

4 First aid measures

· **General information:** No special measures required.
· **After inhalation:**
Not expected to become a significant inhalation hazard under normal conditions of use.
In case of accident by inhalation; remove casualty to fresh air and keep at rest.
Seek medical treatment in case of complaints.
· **After skin contact:** After contact with skin, wash immediately with plenty of soap and water.
· **After eye contact:** Rinse opened eye for several minutes under running water.
· **After swallowing:** If symptoms persist consult doctor.
· **Information for doctor:** Advice to take the measures according to present symptom.

5 Fire-fighting measures

· **Suitable extinguishing agents:** CO2, foam, powder or water spray.
· **For safety reasons unsuitable extinguishing agents:** No special extinguishing agent required.
· **Special hazards caused by the substance, its products of combustion or resulting gases:**
Formation of toxic gases is possible during heating or in case of fire.
· **Protective equipment:** ear suitable protective clothing and eye/face protection. Wear self-contained respiratory protective device.
· **Flash point**: (℃CC): ＞130℃

6 Accidental release measures

· **Person-related safety precautions:** Not required.
· **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
· **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, sawdust).
Pick up mechanically.

7 Handling and storage

· **Handling:**
· **Information for safe handling:** No special measures required.
· **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
The product is not explosive.

· **Storage:**
· **Requirements to be met by storerooms and receptacles:**
Do keep far away from fire and heat sources when stored.

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Store in a cool, dry, well-ventilated area away from incompatible substances.
· ***Information about storage in one common storage facility:***
Do not store together with strong acids , strong bases , strong oxidants and base metals.
· ***Further information about storage conditions:*** *None.*

8 Exposure controls/personal protection

· ***Information about design of technical facilities:*** *No further data; see item 7.*

· ***Ingredients with limit values that require monitoring at the workplace:***

471-34-1 calcium carbonate

PEL (USA)	15* 5** mg/m³ *total dust **respirable fraction
REL (USA)	10* 5** mg/m³ *total dust **respirable fraction
TLV (USA)	TLV withdrawn

· ***Additional information:*** *The lists valid during the making were used as basis.*

· ***Personal protective equipment:***
· ***General protective and hygienic measures:***
The usual precautionary measures are to be adhered to when handling chemicals.
· ***Respiratory protection:*** *Suitable respiratory protective device recommended.*
· ***Protection of hands:***
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
· ***Eye protection:*** *Goggles recommended during refilling*
· ***Body protection:*** *Protective work clothing*

9 Physical and chemical properties

· ***General Information***

Form:	*Fluid*
Colour:	*Yellow*
Odour:	*Odourless*

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· ***Change in condition***	
Melting point/Melting range:	*Not applicable.*
Boiling point/Boiling range:	*Not determined.*
· ***Flammability:***	*Contact with naked fire may cause combustion.*
· ***Self-igniting:***	*Product is not selfigniting.*
· ***Danger of explosion:***	*Product does not present an explosion hazard.*
· ***Explosion limits:***	
Lower:	*Not applicable.*
Upper:	*Not applicable.*
· ***Density:***	*Not determined.*
· ***Solubility in / Miscibility with water:***	*Insoluble.*

10 Stability and reactivity

· ***Thermal decomposition / conditions to be avoided:***
No decomposition if used according to specifications.
To avoid thermal decomposition do not overheat.
If overheat, this product can release toxic gases. No inhalation!
· ***Materials to be avoided:***
Incompatible materials.
Strong acid.
Strong bases.
Strong oxidizing agents.
Base metals.
· ***Dangerous reactions*** *No dangerous reactions known.*
· ***Dangerous decomposition products:***
Carbon monoxide
Other irritating and toxic gases.

11 Toxicological information

· ***Acute toxicity:***
· ***Primary irritant effect:***
· ***on the skin:*** *May cause skin irritation.*
· ***on the eye:*** *Contacts the eye to be possible to cause the irritating effect.*
· ***Sensitization:*** *No sensitizing effects known.*

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· ***Additional toxicological information:***
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information

· ***General notes:***
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

· ***Product:***
· ***Recommendation*** *Smaller quantities can be disposed of with household waste.*

· ***Uncleaned packaging:***
· ***Recommendation:*** *Disposal must be made according to official regulations.*

14 Transport information

· ***Land transport ADR/RID (cross-border)***
· ***ADR/RID class:*** *Not regulated.*
· ***UN-Number:*** *Not applicable.*

· ***Inland shipping ADN:***
· ***ADN/R Class:*** *Not regulated.*

· ***Maritime transport IMDG:***
· ***IMDG Class:*** *Not regulated.*
· ***UN Number:*** *Not applicable.*

· ***Air transport ICAO-TI and IATA-DGR:***
· ***ICAO/IATA Class:*** *Not regulated.*
· ***UN/ID Number:*** *Not applicable.*

15 Regulatory information

· ***Labelling according to EU Directives /Ordinance:***
Observe the general safety regulations when handling chemicals.

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The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
The information of section 3 and section 9 is provided by:

Shanghai Chenjie Printing Materials Co., Ltd

· ***Department issuing SDS:*** *Centre Testing International*
· ***Contact us:*** *REACH@cti-cert.com*
· ***Date issuing SDS:*** *Aug. 15, 2009*
· ***Abbreviations and acronyms:***
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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