

PEONY BRAND PRINTING INK

Workout date: 5th Jan, 2016

1. Identification of Products/Enterprise

Product Name: Shanghai Peony Printing Ink

This MSDS is suitable for the following products:

- URANUS ® UNK Type Sheetfed Offset Ink
- URANUS ® UN Type Quick Setting & High Gloss Offset Ink
- URANUS ® UNE Quick Setting & High Gloss Offset Ink
- FULLTUNE ® BRAND FT Quick-Drying and High-Gloss Offset Printing Ink
- PEONY ® Brand 05 Quick-Setting and High-Gloss Offset Printing Ink
- 05N Quick Drying & High Gloss Offset Ink
- PEONY ® PRS Quick Drying & High Gloss Offset Ink
- PEONY ® 05NK Overnight Stable High Gloss Ink
- PEONY® FLPT Pantone Basic Color Offset Ink
- PEONY ® Brand 10 Resin Offset Printing Ink
- PEONY ® PWO Publication Web Offset Ink
- PEONY ® PWO Web Offset Ink
- PEONY ®52 Web Offset Printing Ink
- PEONY ® 65 Quick Drying Tin Printing Ink
- PEONY ® Gold and Silver Printing Ink
- PEONY ® Brand Offset Printing Varnish
- PEONY ® Brand Auxiliary for Offset
- KL Quick Setting & High Gloss Offset Ink
- KELE ® Brand Resin Offset Printing Ink
- AF Quick-Drying and High-Gloss Ink for Aluminum Paper

Manufacturer/Management

SHANGHAI PRONY PRINTING INK CO., LTD.

ADD: 1340 Gulang Road Taopu Industry District, Shanghai, China

TEL: 0086-021-62506860

Emergency, TEL: 021-62679090

Web: www.chemaid.com

2. Hazardous Ingredients / Identify Information

Hazardous Ingredients	(CAS RN)	(%)
Rosin-modified phenolic resins	67700-45-2-	28
Alkyd	68015-35-0-	4
Calcium carbonate	471-34-1	
Pigment	Various	
Drying vegetable oils	8001-22-7	
High-boiling petroleum distillates	8042-47-5-	22

3. Health Hazard Data

Classification: Non-dangerous article

Route of Entry: Eyes, Skin, Inhalation, and Ingestion.



Acute influence:

The eyes: Slight irritation

Skin: No obvious influence

Inhalation: It is impossible normally. Inhalation of the stimulating smog while heating may cause headaches, dizziness or nausea.

Ingestion: Seldom happened

Chronic influence:

Carcinogenicity: The components of this product have not been listed in carcinogen lists of IARC

Aberrance or procreation: No data.

Mutation: No data.

4. First Aid Measures

Eye—Immediately wash eyes with running water. If irritation develops, get medical attention.

Skin—Wash affected area with soap and water. If irritation develops, get medical attention.

Inhalation—Break away from scene, to air fresh place. Keep the respiratory tract unobstructed. If dyspnoea appears, give oxygen therapy. If breathing stops, carry on artificial respiration immediately, and then get medical attention.

Ingestion—Seldom happened.

5. Fire Control Measures

Combustibility: No tinder.

Flash Point (°C CC): > 130°C

Harmful burning results: COx

Spontaneous combustion temperature (°C): No data

Method that put out a fire: Dry powder, foam, water spray, and carbon dioxide

Special method that put out a fire: Wear the self-sufficiency type respirator

6. Deal with leakage

Shovel or mix with dry sand, put in the clean container retrieving or handling. Wash by water.

7. Storing

Caution: Keep out of the reach of children. Storing in the airtight container.

8. Contact control / personal protection

Limit of occupation contact in workplace: No regulation

Project control: Generally adopt the adequate ventilation.

Gloves: Protective gloves

Protect eyes: Take the safe glasses in case of necessity.

Protect breath: Seldom need

Other protection apparatus: Depend on rules of production operation.

9. Physics and chemistry characteristics

Shape: Various colors dope

Melting Point: No data

Boiling Point (°C): No data

Specific Gravity (H₂O=1): >1

Vapour Pressure (mm Hg): No data

Vapour Density (air=1): No data

Evaporating Rate (water=1): No data

Water Solubility: Insoluble

PH value: No data

10. Stability and Reactivity

Chemical stability: Stable



Mixing prohibited material: Strong oxidant
Reactivity: No data
Harmful decomposition results: Meet heat to resolve into CO_x

11. Toxicology information

Rosin-modified resin/Alkyd resin:

Rat testing LD50: > 5000 mg/kg (predict according to the analog)

Pigment:

According to 38 kinds of pigment inventories that the company offer, Rat testing LD50: > 2000 mg/kg.

Calcium carbonate (471-34-1) :

Rat testing LD50: >24,000 mg/kg

Drying vegetable oils (Tung oil, Linseed oil)

Rat testing LD50: > 2000 mg/kg (predict according to the toxicity of elaeostearic acid)

High-boiling petroleum distillates:

Rat testing LD50: > 5000 mg/kg (predict according to the analog)

12. Ecology information

No data

13. Deal with offal

Consultation with the local government and environmental protection department

14. Transportation information

Nation (GB12268-90)

Safe for transportation under IMO IMDG Code

15. Regulation information

Products& components	Existing chemical name of China	Hypertoxic articles classification&serial number (GB57-93)	Form of the dangerous freight GB12268-90	Identify of the great dangerous source
Rosin-modified phenolic resins	Available	Not applicable	No regulation	No regulation
Alkyd	Available	Not applicable	No regulation	No regulation
Calcium carbonate	Available	Not applicable	No regulation	No regulation
Drying vegetable oils	Available	Not applicable	No regulation	No regulation
High-boiling petroleum distillates	Available	Not applicable	No regulation	No regulation
Pigment	Available	Not applicable	No regulation	No regulation

16. Other information

The information in this MSDS is edited by the latest database of this centre. Users must consult the above data according to the real operating position, and then make the safe operational procedure by oneself.

Organization unit: Shanghai Chemical poisonous substance referral centre of the State Economic and Trade Commission

Fax: 021 62563255

Website: www.chemaid.com

E-mail Address: chemaid@online.sh.cn

