



# Shenzhen Kanglibang Science and Technology Co., Ltd.

## Material Safety Data Sheet

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Last Revision Date: 2013/04/01

### SILICONE SCREEN PRINTING INK

#### 1. COMMODITY AND INTRODUCTION OF SUPPLIER

Product Name: SILICONE SCREEN PRINTING INK

Product Code: #1810S

Manufacturer/Supplier: *Shenzhen Kanglibang Science and Technology Co., Ltd.*

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#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

##### Pure Substance:

English Name: Organic silicon resin, Pigment, Organic solvent, Siloxane polymer

Chemical Name	Concentration Limits	CAS No.
Silicone-based ink3221	50%	Not determined
Pigment	0.25%	Not determined
Hydroxy silicone oil	10-12%	Not determined
VinylpolySiloxane	37.5%-8%	105-38-4,68083-14-7
Platinum catalyst	2.5%-5%	7440-06-4

Percentage for Chemical Ingredient: None

#### 3. HAZARD IDENTIFICATION

##### Important Symptoms And Hazard Effects:

Hazard Effects: Not hazardous

Environment Effects: None

Hazard Classification: Not hazardous

Specific Hazards: None

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For more information on KLB(Kanglibang) Corporation & its products visit our website! [www.szguijiaojiaoshui.com](http://www.szguijiaojiaoshui.com)



**Cardinal Symptoms:** The steam are irritating to eyes and respiratory system and excess smell will cause nonallergic asthma.

**Hazard Classification:** Not hazardous

#### 4. FIRST AID MEASURES

**First Aid Measures :**

Inhalation: Move to the open place for breathing fresh air, no breathe should make breathing, Oxygen therapy if dyspnea

Skin: Washing with soap.

Eyes: Immediately flush with plenty of water.

Oral: Get medical attention.

Comments: Treat symptomatically.

**Important Symptoms And Hazard Effects:** None

**Personal Protection for First Aid or Rescue Personnel:** Conventional treatment.

**Note to physicians:** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:**

On large fires use AFFF alcohol compatible foam or water spray (fog). On small fires use carbon dioxide(CO<sub>2</sub>), dry chemical or water spray. Water can be used to cool fire exposed containers.

Specific Potential Hazards: It won't be burning, unless contact fire

Special Fire Fighting Procedures: None

Special protective equipment for the Fire Fighters: Self-contained firefighter uniform.

#### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wearing gloves, Handle gently, Avoid pollution.

Environmental Precautions: Sealing after using.

Methods for Cleaning up: It can be cleaned by kerosene, gas and toluene.



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7. HANDLING AND STORAGE

Handling Precautions: sealing.

Storage Conditions: Keep in cool and ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: None special protecting measures should be needed. Wearing gloves for avoiding pollution.

Controls Parameter: None

Biological indicators: None

Personal Protective Equipment:

Respiratory protection: Disposable mask

Hand protection: Gloves

Eye protection: None should be needed.

Skin protection: None should be needed.

Hygiene Measures: None special protecting measures should be needed. Wearing gloves for avoiding pollution.

9. PHYSICAL AND CHEMICAL PROPERTIES

Material Status: : Liquid	Physical Form: Pasty
Color : Color	Odor: Some odor
pH : Not determined.	Boiling point/range: 65~130°C
Decomposition Temperature: 45-140°C	Flash Point: 3.3°C
Specific Gravity: 1.05 g/cm <sup>3</sup>	Testing Method: ASTM M429-B
Autoignition temperature: Not determined.	Explosive Limit: Not determined.
Vapor Pressure: Not determined.	Vapour Density (air=1): Not determined.
Pressure: <0.5mmHG	Water Solubility: 100%



#### 10. STABILITY AND REACTIVITY

**Stability:** Stable at room temperature.

**Possibility of Hazardous Reactions:** Will occur cross-linking reaction while heating, irradiating and peroxidizing. Will occur burning while firing and depolymerizing with acid and alkali.

**Conditions to Avoid:** Away from heat and open flame.

**Materials to Avoid:** Fire, water, acid, alkali and peroxide.

**Hazardous Decomposition Products:** None

#### 11. TOXICOLOGICAL INFORMATION

Acute Toxicity: None

Part affect: None

Sensitive: None

Chronic Toxicity : None.

Other Health Hazard Information: None.

#### 12. ECOLOGICAL INFORMATION

Probably Environmental Effects/ Mobility in Soil: It has good degradation property resistance of microorganism, but it also can be degraded to Silicon dioxide and Carbon oxides by photolysis after degrading to micromolecule by acid and alkali in the soil mixing into the soil and air.

#### 13. DISPOSAL CONSIDERATIONS

Product Disposal: Dispose of in accordance with local regulations.

#### 14. TRANSPORT INFORMATION

International Transportation: None.

UN number: None.

Transportation in China: According with liquid transportation method.

Special Requirements and Additional Information: According with liquid transportation method.



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### 15. REGULATORY INFORMATION TRANSPORT INFORMATION

Applicable Laws: ROHS.

### 16. OTHER INFORMATION

#### References:

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First Issuing Date:2012-4-1

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