

**MATERIAL SAFETY DATA SHEET****6103 (RED GLUE)****SMT Adhesive****1. CHEMICAL PRODUCT AND COMPANY INFORMATION**

<b>Product Name</b>	6103 (SMT Red Glue)
<b>Use</b>	To fix certain components to the board in circumstances where they might lose connection or fall off before solder reflow takes place
<b>Manufacturer / Supplier</b>	KOOTAI NEW MATERIALS TECHNOLOGY PVT. LTD.
<b>Address</b>	Industrial Plot No. 404, Udyog Kendra Ext.-II, Ecotech-III, Gautam Buddha Nagar, Greater Noida, Uttar Pradesh - 201306
<b>Telephone Number</b>	0120-4561693
<b>Web</b>	www.kootai.in

**2. CHEMICAL COMPOSITIONS**

<b>Composition</b>	<b>Percentage</b>	<b>CAS NO.</b>
Bisphenol A	35~56%	25085-99-8
Talcum	20~40%	14807-96-6
Calcium Carbonate	15~22%	19569-21-2
Toner	0.1~1%	5160-02-1

**3. HAZARD IDENTIFICATION**

- 3.1 Hazard information :** If inhaled, it will be harmful.  
Avoid contacting with eyes and skin.  
Do not inhale smog when fire and/or explosion appears.
- 3.2 Routes of exposure:** Inhalation, Ingestion, Skin contact.
- 3.3 Health effects:**
- Eyes:** Directly contacting may cause slightly irritation.
- Skin:** Short time exposure won't cause severe influence, repeatedly contacting may cause irritation.
- Inhalation:** Cause slightly irritation to the respiratory system, excessively inhalation of smog may cause sleeping.
- Ingestion:** Ingestion will affects health.

**4. FIRST AID MEASURES**

- 4.1 Eyes:** Immediately flush with water for at least 15 minutes.
- 4.2 Skin:** First aid is not needed.
- 4.3 Inhalation:** Remove to fresh air firstly, if the symptoms persists, get medical attention.
- 4.4 Ingestion:** Get the medical attention.

**5. FIRE FIGHTING MEASURES**

- 5.1 Flammability:** Non Flammable
- 5.2 Flash point:** Non Suitable
- 5.3 Ignition Temperature:** No data.
- 5.4 Explosion Limitation:** No data.
- 5.5 Hazard characteristic:** None.
- 5.6 Extinguishing measures:** Dry Chemicals, Foam and CO<sub>2</sub> Fire Extinguisher.



## 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Attention to personal protection:** Avoid eye contact, avoid inhaling smog and keep the container sealed well.
- 6.2 Attention to environmental protection:** The entry into drainage system or water is prohibited.
- 6.3 Accidental release measures:** Close the leaking resources, do not contact the leaking material directly, sweep up with rag or other material and place in the container for disposal.

## 7. HANDLING AND STORAGE

- 7.1 Handling:** Wear protective equipment, equip with well ventilating appliances. Avoid eye contact ;avoid inhaling smog and keep the container sealed well. Satisfactory industrial hygiene should come into operation, please clean thoroughly after handling especially before eating and smoking.
- 7.2 Storage:** Take care, stay away from oxidability material. keep the container sealed well, avoid water or moisture.

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

- 8.1 Engineering controls:** Provided with ventilated appliance or other methods below the criterion value. Ensure that eyewash equipment and safety showers are proximal to the work location.
- 8.2 The personal protective appliances for generally handling**
- Respiratory system protection:** When ventilating appliance is not effective to decrease the concentration of smog in the work area, a standard respirator or gas mask should be used.
- Eyes protection:** Use suitable protection-the safety glasses is elementary requirement.
- Hand protection:** Special protection is not needed.
- Skin protection:** Cleaning thoroughly before lunch and off duty should be sufficient.
- Personal hygiene measures:** Satisfactory industrial hygiene measures should come into operation, please cleaning after handling, espieccally before the eating or smoking.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Physical state:** Viscous, Red Pate Liquid
- 9.2 Color** Red
- 9.3 Odor** Slight odor
- 9.4 Specific gravity:** 1.36
- 9.5 PH value:** No data
- 9.6 Boil:** No data
- 9.7 Melting point** No data
- 9.8 Flash point:** >200 (Tag closed cup method)
- 9.9 Ignition temperature:** No data
- 9.10 Explosivity:** No
- 9.11 Oxidability** No
- 9.12 Vapour pressure (25°C):** At 20°C, less than 5.
- 9.13 Relative vapor pressure:** No data
- 9.14 Viscosity:** 550,000
- 9.15 Molecular weight:** Not evaluated



**10. CHEMICAL REACTIVE PROPERTY**

<b>10.1 Stability:</b>	Stable.
<b>10.2 Reactivity</b>	
<b>Conditions should be avoided:</b>	None.
<b>Incompatibility:</b>	Can react with strong oxidizer, water, moisture can arise hazardous smog.
<b>Hazardous polymerization:</b>	None.

**11. TOXICOLOGICAL INFORMATION**

<b>11.1 Health effects:</b>	Refer to paragraph 3.3
<b>11.2 Sensitization:</b>	Not known.
<b>11.3 Mutagenicity:</b>	Not known.
<b>11.4 Carcinogenicity:</b>	Not known.
<b>11.5 Other health hazardous information:</b>	No suitable data.

**12. ECOLOGICAL INFORMATION**

<b>12.1 Ecotoxicity:</b>	Not suitable.
<b>12.2 Biodegradable:</b>	Not suitable.
<b>12.3 Bio-accumulation:</b>	No bio-accumulation.

**13. WASTE DISPOSAL**

<b>13.1 Product disposal methods:</b>	Operated the product disposal according to the statute.
<b>13.2 Package disposal methods:</b>	Operated the product disposal according to the statute.

**14. TRANSPORTATION INFORMATION**

<b>14.1 Road and railway transportation:</b>	Not limited.
<b>14.2 IMDG</b>	Not belong to IMDG coding
<b>14.3 IATA</b>	Not belong to IATA regulate.

**15. REGULATION INFORMATION**

<b>15.1 Statute available:</b>	The dangerous substance and detrimental substance general regulation.
--------------------------------	---

**16. OTHER INFORMATIONS**

<b>Liaison office:</b>	KOOTAI NEW MATERIALS TECHNOLOGY PVT. LTD.
------------------------	---

