

# MSDS Report

**Prepared For:** Shenzhen Xinhengrui Electronic Technology Co.,Ltd.  
Floor 6, building 9, Henglong Industrial Park, Shuitian community,  
Shiyan street, Bao'an District, Shenzhen

**Product Name:** Heating wire

**Prepared By:** Shenzhen TCT Testing Technology Co., Ltd.  
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**Report No.:** TCT191227W005

Checked by



Noel Yin

Signed for and on behalf of TCT



Kim Zhang  
Technical Manager



# Material Safety Data Sheet

Regulation (EC) No 1907/2006 (REACH), Annex II

## Section 1- Chemical Product & Company Identification

**(a) Product identifier****Product Name** Heating wire**(b) Relevant identified uses of the substance or mixture and uses advised against****Recommended Use** No information available**Uses advised against** No information available**(c) Details of the supplier of the safety data sheet****Supplier** Shenzhen Xinhengrui Electronic Technology Co.,Ltd.**Address** Floor 6, building 9, Henglong Industrial Park, Shuitian community, Shiyan street, Bao'an District, Shenzhen**Contact Person** Mr. Yan**Phone** +86-738-3263833**Fax** +86-738-3263833**E-mail** 13762802222@163.com**(d) Emergency telephone number**

+86-738-3263833

## Section 2- Hazards Identification

**(a) Classification of the substance or mixture**

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

Not-Classified

**(b) Label elements, including precautionary statements****Symbols/Pictograms** None**Signal word** None**Hazard Statements** Not applicable**Precautionary Statements** Not applicable

**(c) Other hazards**

No information available

## Section 3- Composition/Information on Ingredients

**(a) Heating wire is a mixture**

Part Name	Chemical Name	CAS No.	CONTENT%
Heating coil	Carbon	7440-44-0	0.027
	Manganese powder	7439-96-5	0.30
	Phosphorus	7723-14-0	0.0034
	Sulfur	7704-34-9	0.0051
	Silicon	7440-21-3	1.16
	Chromium	7440-47-3	20.29
	Nickel	7440-02-0	76.35
	Aluminum	7429-90-5	0.50
	Iron	7439-89-6	Remain
Ceramic	Aluminum oxide	1344-28-1	20
	Magnesium oxide	1309-48-4	5
	Silicon dioxide	7631-86-9	15
	Diatomaceous earth	68855-54-9	20
	Boric anhydride	1303-86-2	15
	bismuth oxide	1304-76-3	12
	Zinc oxide	1314-13-2	3
	Potassium oxide (K <sub>2</sub> O)	12136-45-7	1
	Calcium oxide	73018-51-6	4
	Other	N/A	5

## Section 4- First Aid Measures

**(a) Description of first aid measures**

<b>General advice</b>	In case of accident or unwellness, seek medical advice immediately
<b>Inhalation</b>	If fumes or combustion products are inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell
<b>Ingestion</b>	Give water to rinse out mouth, then drink plenty of water, vomiting, and go to a doctor
<b>Eye contact</b>	Keep eyelids apart and away from eye and moving the eyelids by lifting the upper and lower lids occasionally, flush eyes with plenty of water or saline water for at least 15 minutes, call a physician if irritation persists.

**Skin contact**

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

**(b) Most important symptoms and effects, both acute and delayed**

No information available

**(c) Indication of any immediate medical attention and special treatment needed**

Treat symptomatically

**Section 5- Fire Fighting Measures****(a) Extinguishing media**

**Suitable extinguishing media** Water, CO<sub>2</sub>, Dry chemical powder, Foam

**Unsuitable extinguishing media** No information available

**(b) Special hazards arising from the substance or mixture**

No information available

**(c) Special protective equipment and precautions for fire-fighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear; Prevent, by any means available, spillage from entering drains or water courses; Use water delivered as a fine spray to control fire and cool adjacent area.

**Section 6- Accidental Release Measures****(a) Personal precautions, protective equipment and emergency procedures**

Evacuate personnel to safe areas. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe dust/fume/gas/mist/vapors/spray.

**(b) Environmental precautions**

Prevent product from entering drains

**(c) Methods and material for containment and cleaning up**

Pick up and transfer to properly labeled containers. Avoid generation of dust

## Section 7- Handling and Storage

### (a) Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Avoid generation of dust. Do not breathe dust/fume/gas/mist/vapors/spray

### (b) Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from moisture and fire. Store away from Oxidant, acids, halogen, Equipped with corresponding varieties and number of fire equipment and leakage emergency treatment equipment.

## Section 8 - Exposure Controls/Personal Protection

### (a) Exposure controls

#### Engineering Controls

Ensure adequate ventilation, especially in confined areas

### (b) Personal protective equipment

#### Personal protective equipment

Respiratory Protection: Special protection is generally not required, but if exposed to dust, it is recommended to wear self absorption filter dust masks

Skin Protection: Wear suitable protective clothing and gloves

Eye Protection: Not necessary under normal conditions. Wearing chemical safety protective glasses if necessary

#### Hygiene Measures

Wash hands or take a shower after working

### (c) Environmental exposure controls

Avoid release to the environment

## Section 9- Physical and Chemical Properties

#### Physical State

Appearance: White

Form: Solid

Odor: Odorless

#### pH, with indication of the concentration

No data

#### Melting/freezing point

No data

#### Boiling Point, initial boiling

No data

**point and Boiling range****Flash Point** No data**Evaporation rate** No data**Flammability (soil, gas)** No data**Upper/lower flammability or  
explosive limits** No data**Vapor pressure** No data**Vapor Density (Air = 1)** No data**Density/relative density** No data**Solubility in Water** Insoluble in water.**Autoignition temperature** No data**Decomposition temperature** No data**Kinematic viscosity** No data**Dynamic viscosity** No data**Explosive properties** No data**Oxidizing properties** No data**Section 10 – Stability and Reactivity****(a) Reactivity**

Stable under normal conditions

**(b) Chemical stability**

Stable under recommended storage conditions

**(c) Possibility of hazardous reactions**

None under normal processing

**(d) Conditions to avoid**

No information available

**(e) Incompatible materials**

No information available

**(f) Hazardous decomposition products**

No information available

## Section 11 – Toxicological Information

### (a) Information on toxicological effects

<b>Acute toxicity</b>	Not classified
<b>Skin corrosion/irritation</b>	Not classified
<b>Serious eye damage/eye irritation</b>	Not classified
<b>Sensitization</b>	Not classified
<b>Germ cell mutagenicity</b>	Not classified
<b>Carcinogenicity</b>	Not classified
<b>Reproductive toxicity</b>	Not classified
<b>STOT - single exposure</b>	Not classified
<b>STOT - repeated exposure</b>	Not classified
<b>Aspiration hazard</b>	Not classified

## Section 12-Ecological Information

<b>Toxicity</b>	No information available
<b>Persistence and degradability</b>	No information available
<b>Bioaccumulative potential</b>	No information available
<b>Mobility in soil</b>	No information available
<b>Other adverse effects</b>	No information available

## Section 13 – Disposal Considerations

<b>Waste treatment methods</b>	Product disposal recommendation: Observe local, state and federal laws and regulations. Packaging disposal recommendation: Containers may be recycled or re-used. Observe local, state and federal laws and regulations. The potential effects on the environment and human health of the substances used in material; the desirability of not disposing of waste material as unsorted municipal waste and of participating in their separate collection so as to facilitate treatment and recycling;
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## Section 14 – Transport Information

<b>UN Number</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Packing Group</b>	Not regulated
<b>Environmental hazards</b>	Not regulated
<b>Special precautions</b>	No information available
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not applicable

## Section 15 – Regulatory Information

**Safe, health and environment regulations/ legislation specific for the substance or mixture**

**International laws/ regulations**

**Endanger the safety of information requirements on the label**

Requirements for hazard and safety information on the label

**Tags according to EU guidelines**

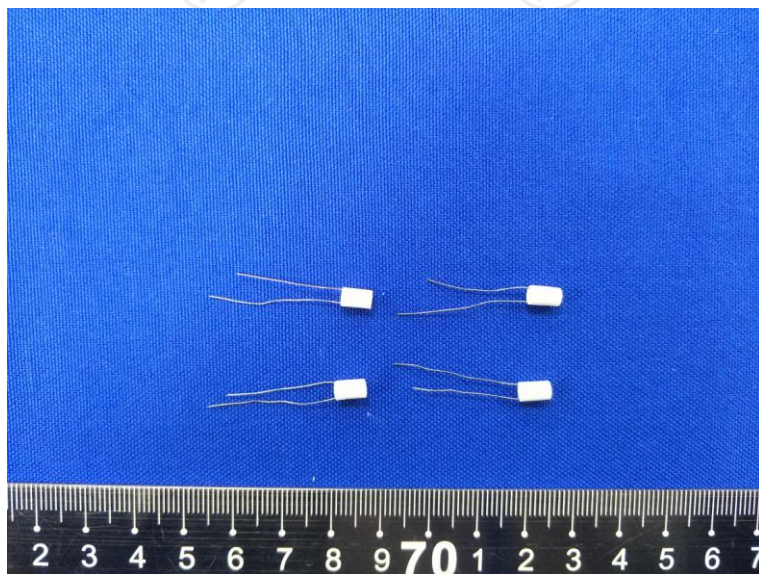
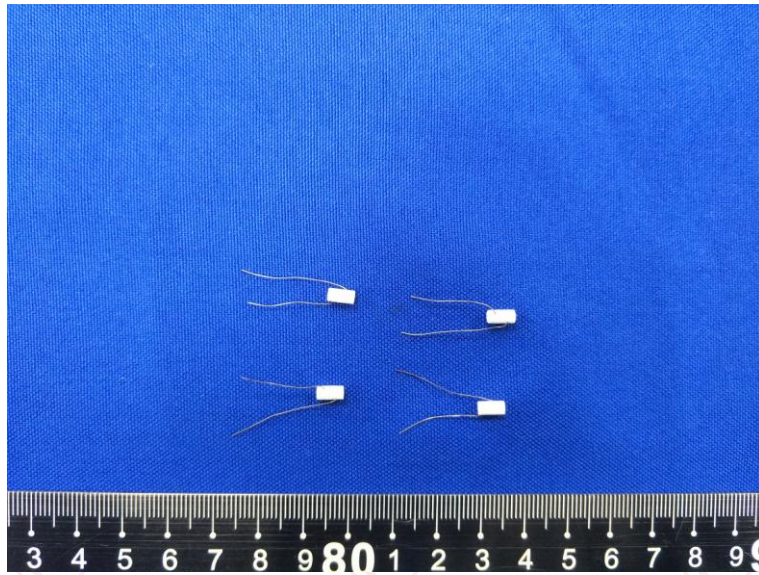
The product should follow the relevant regulations of EU Directive/Hazardous substances regulations

## Section 16 – Additional Information

The information above is believed to be accurate and represents the best information currently available to us. However, concorde makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. Although reasonable precautions have been taken in the preparation of the data contained herein, it is offered solely for your information, consideration and investigation. This material safety data sheet provides guidelines for the safe handling and use of this product; it does not and cannot advise on all possible situations, therefore, your specific use of this product should be evaluated to determine if additional precautions are required.

The data/information contained herein has been reviewed and approved for general release on the basis that this document contains no export controlled information.





\*\*\*\*\*End of Report\*\*\*\*\*