

## SAFETY DATA SHEET

Report No.: ES150601020CE001

XINGHUA DONGFANG ABRASIVE TOOL FACTORY  
TAO ZHUANG INDUSTRIAL ZONE XINGHUA CITY JIANGSU PROVINCE

(The Submitted Sample Said To Be)

Sample Name : Silicon carbide grinding paste  
End Uses : Grinding and polishing.  
Composition/Ingredient of sample : See Section 2 Composition/information on  
(as per client submission) ingredients on the SDS report  
Sample Received Date : June 01, 2015  
SDS Preparation Period : June 01, 2015 – June 05, 2015

Service Requested : Safety Data Sheet (SDS) for the sample with submitted composition.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with Globally Harmonized System of Classification and Labelling of Chemicals (GHS), and is provided per attached.

Signed for and on behalf of  
Shenzhen EMTEK Co., Ltd



*Jason*

Manager  
June 05, 2015

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

Identification of The : Silicon carbide grinding paste  
Preparation  
Sample Nature : Paste  
Chemical Uses : Grinding and polishing  
Export to : United States  
Company Identification : Xinghua dongfang abrasive tool factory  
Company Address : Tao zhuang industrial zone xinghua city Jiangsu province  
E-Mail : 2582313329@QQ .com  
FAX : (0523) 83856029  
Off-hour Emergency : (0523) 83856029  
Phone Number

## 2- Composition / Information on Ingredients

Substance or Preparation: Preparation

Serial Number	Component/Substance	% by wt	CAS Number	EINECS Number	Molecular Formula
01	Silicon carbide	60	409-21-2	206-991-8	CSi
02	Vaseline	20	8009-03-8	232-315-6	N/A
03	Lubricating oil	17	74869-22-0	278-012-2	N/A
04	Stearicacid	3	57-11-4	266-928-5	C <sub>18</sub> H <sub>36</sub> O <sub>2</sub>

Note: CAS Number is Chemical Abstract Service Registry Number.


EINECS Number is EUROPEAN Inventory of Existing Commercial Chemical Substance.

N/A denote not applicable.

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## 3 - Hazards Identification

- Hazards** : In accordance with Globally Harmonized System of Classification and  
**Classification** Labelling of Chemicals (GHS), the sample isn't divided into dangerous  
article.
- Dangerous mark** : 
- Invasion route** : **Eye Protection** : No special hazards under normal use.  
: **Skin Protection** : No special hazards under normal use.  
: **Inhalation** : No special hazards under normal use.  
: **Ingestion** : If swallows, may cause discomfort, and effect  
people's digestive system.
- Health hazards** : Swallow the sample may cause discomfort.
- Environment hazards** : No known significant effects or critical hazards.
- Burn & burst danger** : No special hazards under normal use.

## 4 - First Aid Measures

- Inhalation** : If inhale gas of melting plastic, the patient transfer to ventilate space, and seek  
medical advice immediately.
- Skin Contact** : No first aid should be needed.
- Eye Contact** : Lifting the upper and lower eyelids, flush the eyes with plenty of water or saline  
water. Get medical aid.
- Ingestion** : If swallows, emetic and use the water to wash mouth, seek medical advice  
immediately.

## 5 - Fire-Fighting Measures

- Suitable Fire Extinguishing Media** : Foam, carbon dioxide, dry chemical extinguishers.
- Special Remarks On Fire Hazards** : Burning fire should be easy to burn.
- Special Fire-Fighting Procedures** : Remove from inflammable goods.
- Combustion Products** : Carbon monoxide, carbon dioxide
- Protective Equipment** : Wear suitable protective clothing, gloves and eye/face  
protection.

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## 6 - Accidental Release Measures

- Person-related safety precautions** : Wear suitable protective clothing, gloves and eye/face protection.
- Measures for environment protection** : Do not allow to enter sewage, soil, river and sea.
- Measures for cleaning/collecting** : Pick up mechanically.
- Additional information** : If possible, recycling and reuse.

## 7 - Handling and Storage

- Handling Precautions** : Handle and open container with care. Wear suitable protective clothing, gloves and eye/face protection. Keep away from sources of ignition.
- Storing Notes** : Packing require seal. Keep container tightly closed in a cool, well-ventilated place. Keep away from sources of ignition - No smoking. Keep separate with the hi-heat concentrated sulfuric acid. Keep the sample as a easy identification.

## 8 - Exposure Controls / Personal Protection

- Maximum admissible concentration** : No available data.
- Monitoring Method** : No found yet.
- Engineering Control** : Exclude the dust, smoke and gas, supply with sufficient partial air exhaust.
- Respiratory Protection** : If the melting plastic gas density exceed in the air, must wear self-inhalation filtertype respirator.
- Eye Protection** : Wear safety glasses under normal use. Wear suitable safety goggles when clean the make-up machine.
- Body Protection** : Wear work clothes.
- Hands Protection** : Wear fur gloves when contact with the melting plastic.
- Other Protection** : No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

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## 9 - Physical and Chemical Properties

<b>Appearance</b>	: Black paste	<b>Odor</b>	: Slight oil flavour
<b>Boiling Point(°C)</b>	: No available data	<b>Density</b>	: 3.217 g/mL at 25 °C
<b>Melting Point(°C)</b>	: 2700 °C	<b>Flashing Point(°C)</b>	: No available data
<b>pH Value</b>	: No available data	<b>Specific Heat (kJ/mol)</b>	: No available data
<b>Vapor Pressure</b>	: No available data	<b>Vapor Density</b>	: No available data
<b>Explosion Upper</b>	: No available data	<b>Explosion Lower</b>	: No available data
<b>Limits</b>		<b>Limits</b>	
<b>Solubility</b>	: Hardly soluble in water, but it soluble in Toluene, butyl acetate, trichloroethylene etc.		

## 10 - Stability and Reactivity

<b>Stability</b>	: Stable under normal use.
<b>Conditions To Avoid</b>	: Heat source, fire.
<b>Materials To Avoid</b>	: Oxidizer and strong acid
<b>Hazardous Polymerization</b>	: No available data.
<b>Hazardous Decomposition</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
<b>Products</b>	

## 11 - Toxicological Information

<b>Acute Toxicity</b>	: No available data	<b>Chronic Toxicity</b>	: No available data
<b>Mutagenicity</b>	: No available data	<b>Allergenicity</b>	: No available data
<b>Carcinogenicity</b>	: No available data	<b>Reproductive Toxicity</b>	: No available data
<b>Irritation</b>	: No available data	<b>Other toxicology information</b>	: No available data

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## 12 - Ecological Information

**Ecotoxicity** : No available data    **Environmental Degradation** : No available data  
**Non-biodegradable** : No available data    **Biological concentration** : No available data  
**Other harmful effects** : The material may have harm to the environment, should pay attention to water and soil.

## 13 - Disposal Considerations

**Nature of waste** : No available data.  
**Waste disposal methods** : Refer to National or Local regulations before handling.  
: Suitable incinerator combustion and landfill.  
**Attention abandoned** : Inadequacy incinerate, may cause produce toxic gas such as CO, CO<sub>2</sub>.

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## 14 - Transport Information

### Transport Attentions:

In the case of land, air and ocean shipping, avoid exposure to fire, water, prevent damp and insolation. Take in a cargo of them without falling, dropping and breakage. Prevent collapse of cargo piles and wet by rain. The container must be handled carefully.

Please refer to section 7-HANDLING AND STORAGE also, and requirements of the ADR-RID/PG III, IMO/IMDG/PG III, IATA/ICAO/PG III.

### Maritime transport IMDG

IMDG Code : Class 9, Non Hazardous Goods.  
UN-Number : No available data.  
Packing group : III  
Proper shipping name : No available data.

### DOT regulations

Hazard class : Class 9, Non Hazardous Goods.  
Identification number : No available data.  
Packing group : III  
Proper shipping name : No available data.

### Land transport ADR/RID(cross-border)

Hazard class : Class 9, Non Hazardous Goods.  
UN-number : No available data.  
Packing group : III  
Proper shipping name : No available data.

### Air transport ICAO-TI and IATA-DGR

ICAO-TI-II class : Class 9, Non Hazardous Goods.  
UN/ID Number : No available data.  
Packing group : III  
Proper shipping name : No available data.

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## 15 - Regulatory Information

OSHA HCS 29 CFR 1910.1200:2012

Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

GB 12268:2005 List of dangerous goods.

GB 16483:2000 General rules for preparation of chemical safety data sheet(CSDS)

ISO 11014:2009 Safety data sheet for chemical products - Content and order of sections.

Regulation (EC) No 1272/2008 Classification, Labelling and Packaging of Substances and Mixtures.

For other detail regulation you should be contacted the appropriate agency in your country, or refer to domestic, EU/international regulations.

## 16 - Other Information

Date: June 05,2015

Data Audit Units: Shenzhen EMTEK CO.,LTD.

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\*\*\*The end of MSDS\*\*\*