

MSDS

Report No. :CSTR140529462

Date: June 03, 2016 Page 1 of 7

MSDS

Samples Name: Diamond Micron Powder

Model:JZL60

Client Name: ShenZhen TaiYan Abrasive Products Co., Ltd.

Address: 25th Dakang Xintang Road, Henggang Town, Longgang District, Shenzhen City,
Guangdong Province, China.

Signed for and on behalf of
Shenzhen Certification Technology Service Co., Ltd.



Tested by: Susan

Project Leader

Susan Chen

Reviewed by: Bill Li

Laboratory Supervisor

Wendy Wang

Approved by: Wendy

Technical Director

Bill Li

Shenzhen Certification Technology Service Co., Ltd.

Address: 2F, Building B, East Area of Nanchang Second Industrial Zone, Gushu 2nd Road, Bao'an District, Shenzhen 518126, P.R. China
Website: <http://www.cessz.com> email: service@cessz.com

Material Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: Diamond Micron Powder

Product Type: JZL60

Company: ShenZhen TaiYan Abrasive Products Co., Ltd.

Address: 25th Dakang Xintang Road, Henggang Town, Longgang District, Shenzhen City,
Guangdong Province, China.

Emergency Telephone: +86-755-28646664

2. HAZARDS IDENTIFICATION

Fatalness grade: In accordance with Regulation (EC) No. 1272/2008, the sample isn't divided into dangerous article.

Invasion route: Skin contact, eyes contact, inhalation, ingestion.

Health hazards: No known significant effects or critical hazards.

Environment hazards: No known significant effects or critical hazards.

Burn & burst danger: The sample can't burn.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Molecular Formula	CAS No.	EC No.	In % By Weight
Diamond	C	7782-40-3	231-953-2	98-99.9
Silicon	Si	7440-21-3	231-130-8	0.1-2
Iron	Fe	7439-89-6	231-096-4	
Nickel	Ni	7440-02-0	231-111-4	
Strontium	Sr	7440-24-6	231-133-4	
Manganese	Mn	7439-96-5	231-105-1	
Chromium	Cr	7440-47-3	231-157-5	

4. FIRST AID MEASURES

Inhalation: Remove from exposure and move to fresh air immediately. Keep the respiratory tract smooth. Use oxygen if available. Get medical aid.

Skin contact: Remove contaminated clothes and rinse the skin with plenty of water.

Eye contact: Lifting the upper and lower eyelids, flush the eyes with plenty of water or saline water. Get medical aid.

Ingestion: Drink sufficient hot water and induce vomiting. Get medical aid.

5. FIRE-FIGHTING MEASURES

Danger characteristic: This sample is not a fire hazard and under normal conditions is non-combustible.

Hazardous combustion products: No applicable.

Fire-fighting method & media: No applicable.

6. ACCIDENTAL RELEASE MEASURES

Emergency treatment: Shut off the divulgence source as soon as possible. Prevent the spillage flowing into restrictive space like the sewer and the drainage channel. Small amount of divulgence: clean off. Massive divulgence: recycle or transport to waste treatment place for handling.

7. HANDLING AND STORAGE

Storage: Keep the sample in the cool and well-ventilated place. The storage place should be equipped with suitable shelter materials for divulgence handling with relevant types.

Handling: Supply with sufficient partial air exhaust. The operating staff must have received special training and abide by the operating regulations. It is advised that the staff wear respirator, wear work clothes and wear gloves. Equip with relevant types and quantities of device for divulgence handling. Empty the container which may include harmful material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Maximum admissible concentration: No standard yet.

Monitoring method: /

Engineering control: Supply with sufficient partial air exhaust.

Eyes protection: No special protection under normal use. Wear safety glass if needed.

Body protection: Wear work clothes.

Hands protection: Wear gloves.

Other protections: No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder

Color: Light yellow

Odour: Odorless

Melting point(°C): 3550

Boiling point(°C): 4827

Relative density: 3.52g/cm³

PH value: 7

Flashpoint(°C): No date

Upper explosive limit %(V/V): 35

Oxidising properties: Under normal temperature is not oxidation.

Solubility: Insoluble in water.

Any addition information: Diamond will slowly become graphite at about 700-800 degrees.

10. STABILITY AND REACTIVITY

Stability: Stable at normal conditions.

Distribution of Ban: None.

Conditions to avoid: None.

Hazardous polymerization: No applicable.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No known significant effects or critical hazards.

Sub-acute and chronic toxicity: No known significant effects or critical hazards.

Irritation: No known significant effects or critical hazards.

Sensitization: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Others: /

12. ECOLOGICAL INFORMATION

Eco-toxicity: No known significant effects or critical hazards.

Biodegradable: No applicable.

Non-biodegradable: No applicable.

Bioconcentration or biological accumulation: No applicable.

Other harmful effects: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Nature of waste: This product is not regarded as hazardous waste, as defined by Regulation (EC) No. 1272/2008.

Waste disposal methods: Refer to National or Local regulations before handling.

Attention abandoned: /

14. TRANSPORT INFORMATION

Number of dangerous goods: No applicable.

UN number: No data.

Packaging mark: No data.

Packaging method: No data.

Transport attentions: Examine whether the package of the containers are integrate and tighten closed before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. The transport vehicle and ship must be cleaned and sterilized otherwise it is not allowed to assemble articles. During transport, the vehicle should prevent exposure, rain and high temperature. When transported by sea, the assemble place should keep away from bedroom and kitchen and isolated from the engine room, power and fire source. Under the condition of Road Transportation, the driver should drive in accordance with regulated route, don't stop over in the residential area and congested area. The sample is not regulated for transport of dangerous goods.

15. REGULATORY INFORMATION

Regulatory information: 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.

16. OTHER INFORMATION

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

MSDS

Report No. :CSTR140529462

Date: June 03, 2016

Page 7 of 7

Note:
- Photo is included

Photograph of Sample



Diamond Micron Powder

***** End of document*****