

### 1. Production and company information:

Production information:

Production name: Matting Agent Fusil<sup>®</sup> K80

Manufactory information:

Dalian Fuchang Chemical Co.,Ltd.

Post number: 116011

Tel: 0086-0411-83607405

Fax:0086-0411-83607405-606

Urgency Tel: 0086-0411-83607405

### 2. Component:

Chemistry name: Silicon dioxide

Chemical formula: SiO<sub>2</sub>

Additive name: NONE

CAS number: 7631-86-9

EINECS number: 231-545-4

### 3. The identification of injurant:

Dangerous description: This product is not the dangerous chemical both in the law of chemicals and the rank of present prescript of dangerous chemicals.

### 4. Emergency measures:

After inhalation: the product may cause cough and sternutation. Once it happened, please take more fresh air as soon as possible.

After contacting with eyes: the foreign body causes eyes uncomfortable. Once it happened, please open your eyes and clean with water. Long time uncomfortable, please ask for doctor

### 5. Fireproofing measure:

Suitable fire extinguishing preparation: all the fire extinguishing preparations are suitable.

Special danger of raw materials: carbon monoxide, carbon dioxide and decomposition of organic compounds

Additional tips: the water used in fire extinguishing shouldn't enter the drainage system, soil or other parts of the drainage system. Make sure there is enough maintenance facility of contaminative water. Moreover, the way to deal with the contaminative water and residues should accord with the relevant prescript of the local government.

### 6. Measure in accident leakage:

## Fusil<sup>®</sup> K80

Individual prevention measure: Wear personal protective equipment, details consults article 8.

Environmental protection measure: no permission to enter into drainpipe、 soil、 surface water、 underground water and drainage system.

The process of cleanout and absorb: please collect and put in suitable container

### 7. Portage and storage:

#### Portage:

**According to safe convey direction, keep ventilation if necessary.**

**According to safe fireproofing and explodeproofing direction, prevent static discharge.**

#### Storage:

Warehouse requirements: just keep ventilation and dry.

### 8. Leakage Control /individual prevention equipment:

General measures of protection and sanitation:

Compliance with the general chemicals preventive measures;

Not allowed to eat, drink and smoke while working

If skin and eyes possibly exposure, protection measures of hands、 eyes and physical the appropriate must be taken;

If a great deal of powder overflow in workplace, respiratory protection measures must be taken

Individual prevention equipment:

Respiratory protection: Ordinary respirator to prevent dust

Hand protection: Wearing protective glove, its material can be fabric、 rubber or plastic.

Eye protection: If powder overflow, please wear goggles

Physical protection: needn't special protective equipment, suggest taking skin protective measures and washing the pollutants which have been used.

### 9. physical and chemical attribute:

SiO <sub>2</sub> %	≥ 98
Fineness	5-8μm
Heat Loss	≤4%
Ignition Loss	≤5%
DBP g/100g	≥280
Appearance	white powder
Odor	tasteless

### 10. Stability and Reactive:

## Fusil® K80

Avoid conditions:

Decomposition temperature > 230 °C

After the decomposition of hazardous matters:

Carbon monoxide, carbon dioxide and the decomposition of organic matter above decomposition temperature.

### 11. Toxicity report:

The data aims at acute toxicity of silicon

LD/LC analysis (The largest can be achieved in the laboratory)

Oral acute toxicity: Data shows that, test rats, LD 50 > 10,000mg/kg, no cases of death.

Skin acute toxicity: Data shows that, test Rabbits, LD 50 > 5,000mg/kg, no cases of death.

Inhalation acute toxicity: Data shows that, test rats, LD 50 > 0.139mg/l/4h, no cases of death.

Mainly stimulation and influence:

Effect on skin: Make the skin dry.

Effect on mucous: Make the throat and eyes dry.

Other information:

Mutagenicity: According to data there is no sign of mutation

Chronic toxicity:

Long-term Test: According to data there is no adverse effect such as chronic toxicity、carcinogenicity、reproductive system toxicity.

In the toxicity test of chronic inhalation, there is no irreversible changes and the sign of silicosis.

### 12. Ecological data:

Aquatic biology toxicity:

Acute toxicity tests of daphnia: EC 50(24h) > 10,000mg/l

Acute toxicity tests of fish: LC 50(96h) > 10,000mg/l, OECD 203

### 13. Waste disposal:

Leakage of pollutant can be dealt according to the general waste disposal.

Packing: Purification of the packaging will have to re-processing centre.

Other foreign countries: Follow the provisions of its country.

### 14. Transport:

Accord to the general transport of chemicals but please prevent extrusion and pay attention to moisture.

### 15. Statute information:

# MATERIAL SAFETY DATA SHEET

# Fusil<sup>®</sup>

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According to effective information, this product is not the dangerous chemical both in the law of chemicals and the rank of present prescript of dangerous chemicals.

### **16. Other information:**

We describe the product in the demand of safety. But it doesn't mean that our products or the character of products haven't enough security assurances.