

## MATERIAL SAFETY DATA SHEET

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### 1. Chemical Products and Company Identification

Product Name : ZEOMIC EAW502  
Company Name : Sinanen Zeomic Co., Ltd.  
Address : 1-1, Nakagawa-Honmachi, Minato-Ku, Nagoya-Shi,  
Aichi-Ken 455-0051, JAPAN  
Section responsible: Quality Control Department  
Tel : 052-653-3201  
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### 2. Composition, Information on Ingredients

Chemical name: Aluminosilicate and Zinc oxide  
Chemical formula :  $M_{2/n}O - Na_2O - Al_2O_3 - 2SiO_2 - X H_2O$   
( M : Ag, Zn )  
ZnO  
Japanese Chemicals Regulation No.: 1 - 508 with 1 - 23, 1 - 9, 1 - 561  
1 - 561  
CAS No. : (1)1318 - 02 - 1  
(2)1314 - 13 - 2  
HS Code. : 3824.90-000(4)  
Single Product or mixture: Mixture

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### 3. Hazards Identification

Emergency overview: Material complying the Japan's labor safety sanitation law.  
Occupational exposure presents little or no health hazard.  
Inhalation: Irritation of upper respiratory tract (irritant dust)  
Skin Contact: Mild irritation (hygroscopic dust)  
Eye Contact: Irritation due to foreign body (irritant dust)  
Ingestion: None known

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### 4. First Aid Measures

- 1) Eye contact: Immediately flush with water; obtain medical attention if prolonged feeling of foreign body.

2) Skin contact: Wash exposed area with soap and water.

Obtain medical attention if irritation develops.

3) Inhalation: Remove to fresh air, and gargle with plenty of water.

Obtain medical attention for any breathing difficulty

4) Ingestion: Gargle with plenty of water, Get medical attention.

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## 5. Fire Fighting Measures

Means for extinguishing: Not inflammable. No combustibility.

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## 6. Accidental Release Measures

No particular instruction. Collect and discard

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## 7. Handling and Storage

1) Handling: Because of fine powder , avoid the dispersion of the powder during transportation etc.

2) Storage: Because of high hygroscopic , store under closed and tight-shielded Condition.

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## 8. Exposure Controls/Personal Protection

1) Concentration to be managed: Not applicable

2) Acceptable concentration: Not applicable

3) Special facility required: Not particular

4) Protection materials:

Inhalation	- Wear a mask
Eyes	- Wear protective glasses
Hand	- Wear protective gloves
Body	- Wear protective clothing

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## 9. Physical and Chemical Properties

1) Appearance: White powder, odorless

2) Volatility: None

3) Solubility: Insoluble in water

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## 10. Stability and Reactivity

1) Chemical Stability: Stable

2) Oxidizing Property: None

3) Hazardous Decomposition: None reported.

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11. Toxicological Information:    Aluminosilicate    Zinc oxide

- 1) Skin corrosively:    Negative    Not instance reported.
- 2) Irritation to Skin:    Negative(Rabbit)    Not instance reported.
- 3) Sensitization:    Negative    Not instance reported.
- 4) Acute toxicity:    Rat Oral    LD<sub>50</sub> > 5000 mg/kg  
                                 Mouse Oral    LD<sub>50</sub> > 7950 mg/kg
- 5) Teratogenicity:    Negative    Not instance reported.
- 6) Chronic toxicity :    NOEL 0.011g/kg/day    Not instance reported.
- 7) Mutagenesis :    Negative    Negative

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12. Ecological Information

- 1) Derivative property: No data (Not reported)
- 2) Accumulating property : No data (Not reported)
- 3) Fish toxicity:    Aluminosilicate    Rainbow Trout    LC<sub>50</sub> (96hrs)    16.9 mg/L

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13. Disposal Information

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. Dispose of container and unused containers in compliance with local laws and regulations.

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14. Transportation Information

Not regulated.

Use strong, well-sealed containers against damage, keep attention to water and moisture.

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15. Regulatory Information

Japan's labor safety sanitation law, article 57(2) 1 .

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16. Other:

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