

Kyowa Chemical Industry Co., Ltd.  
**SAFETY DATA SHEETS**

# KYOWAAD™ 700 (Grade: SL)

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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE SUPPLIER

Product Name : KYOWAAD™ 700 (Grade: SL)

### Manufacturer

Company Name : Kyowa Chemical Industry Co., Ltd.  
Address : 305 Yashimanishi-machi, Takamatsu, Kagawa, 761-0113, Japan  
Telephone Number : +81-(0) 87-841-9156

### Emergency telephone number

Kyowa Chemical Industry Co., Ltd.  
Telephone No. +81-(0) 87-844-2154 (Quality Assurance Dept.)  
Facsimile No. +81-(0) 87-844-2170

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## 2. HAZARDS IDENTIFICATION

### GHS Classification

#### Physicochemical Hazards

Explosives	:	Out of classification
Flammable gases	:	Out of classification
Flammable aerosol	:	Out of classification
Oxidizing gases	:	Out of classification
Gases under pressure	:	Out of classification
Flammable liquids	:	Out of classification
Flammable solids	:	Not classified
Self-reactive substance and mixtures	:	Out of classification
Pyrophoric liquids	:	Out of classification
Pyrophoric solids	:	Not classified
Self-heating substance and mixtures	:	Not classified
Substance and mixtures which, in contact with water, emits flammable gases	:	Not classified
Oxidizing liquids	:	Out of classification
Oxidizing solids	:	Not classified
Organic peroxides	:	Out of classification
Corrosive to metals	:	Not classified

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### Health hazards

Acute toxicity (oral)	:	Classification not possible
Acute toxicity (dermal)	:	Classification not possible
Acute toxicity (gases)	:	Out of classification
Acute toxicity (vapor)	:	Classification not possible
Acute toxicity (dust and mists)	:	Classification not possible
Skin corrosion / irritation	:	Classification not possible
Serious eye damage / eye irritation	:	Classification not possible
Respiratory or skin sensitization	:	Classification not possible
Germ cell mutagenicity	:	Classification not possible
Carcinogenicity	:	Classification not possible
Reproductive toxicity	:	Classification not possible
Specific target organ systemic toxicity (single exposure)	:	Classification not possible
Specific target organ systemic toxicity (repeated exposure)	:	Classification not possible
Aspiration hazard	:	Classification not possible

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### Environmental hazards

Hazardous to the aquatic environment (acute)	:	Classification not possible
Hazardous to the aquatic environment (chronic)	:	Classification not possible
Hazardous to the Ozone Layer	:	Not classified

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Labeling elements : Nothing

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### Other hazard

Inhalation	:	May cause symptoms of mucus irritation, cough
Skin contact	:	Prolonged contact may cause skin irritation
Eye contact	:	May irritate mucus membranes
Ingestion	:	No symptoms occur at low dose levels but there may be nausea, vomiting at high dose levels

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### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Chemical name</u>	<u>Wt%</u>	<u>CAS registry #</u>
Synthetic Aluminum Silicate	100	1335-30-4
<u>Synonym(s)</u>	Synthetic Aluminum Silicate	
<u>EC No.</u>	2156282	
<u>TSCA</u>	Registered	

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### **4. FIRST AID MEASURES**

Inhalation	:	Remove the exposed individual into fresh air and make him blow his nose and gargle.
Eye contact	:	First rinse with plenty of water for several minutes (Remove contact lenses if easily possible), then take a doctor.
Skin contact	:	Remove contaminated clothes, rinse skin with plenty of water or shower.
Ingestion	:	Rinse mouth. In case of large amount, drink large quantity of water and induce vomiting. Refer for medical attention.
Note to physician	:	Treat symptomatically.

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### **5. FIRE FIGHTING MEASURES**

Flammable properties : Non-flammable

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### **6. ACCIDENTAL RELEASE MEASURES**

Personal precautions	:	Wear proper equipment and avoid contact with skin and inhalation of dust.
Environmental precautions	:	Do not discharge soil, subsoil, drain, surface water and groundwater.
Removal	:	Vacuum or sweep up in a waste container. Wash away residue with plenty of water.

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### **7. HANDLING AND STORAGE**

- Handling : It is better to wear proper protective equipment not to contact with skin or inhale the dust.
- Storage : This material should be stored in a dry place and the bag must be closed after use because of its hygroscopicity.

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### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

- Engineering controls : Prevent dispersion of dust.
- Personal protective equipment
- Eye / Face Protection : Safety Glasses
- Skin Protection : Working clothes and rubber gloves (Nothing of particular protection)
- Respiratory Protection : Dust mask
- Exposure Guidelines : Recommendation of Occupational Exposure Limits (OELs) (2007)  
Respirable dust - 2 mg/m<sup>3</sup>, Total - 8 mg/m<sup>3</sup>  
The Japan Society for Occupational Health (JSOH)

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### **9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance : White powder
- Odour : No information
- Odour threshold : No information
- pH : No information
- Melting point : No information
- Initial boiling point : No information
- Flash point : No information
- Evaporation rate : No information
- Flammability : No information
- Upper/lower flammability or explosive limits : No information
- Vapour pressure : No information
- Vapour density : No information
- Relative density : 2.0
- Solubility : Insoluble in water. Soluble in mineral acid.
- Partition coefficient: n-octanol/water : No information
- Auto-ignition temperature : No information
- Decomposition temperature : No information
- Viscosity : No information

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### **10. STABILITY AND REACTIVITY**

Chemical stability : Stable under normal conditions  
Reactivity : May react with oxidizing substances.

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### **11. TOXICOLOGICAL INFORMATION**

Acute toxicity : Not available  
Skin corrosion/irritation : Not available  
Eye irritation : If contacted with eyes, eyes are irritated  
Respiratory or skin sensitization : Not available  
Mutagenicity : Not available  
Carcinogenicity : Not available  
Aspiration hazard : Not available

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### **12. ECOLOGICAL INFORMATION**

Toxicity : Not available  
Persistence and degradability : Not available  
Bioaccumulative potential : Not available  
Mobility in soil : Not available  
Other adverse effects : Not available

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### **13. DISPOSAL CONSIDERATIONS**

Disposal methods : In accordance with the laws of your country.

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### **14. TRANSPORT INFORMATION**

NA	:	Not applicable
UN No.	:	Not applicable
ADR/RID	:	Not applicable
IMO-IMDG code	:	Not applicable
Hazard Label(s)	:	Unnecessary

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### **15. REGULATORY INFORMATION**

No specific notes. Follow international regulations.

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### **16. OTHER INFORMATION**

No specific notes.

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