

# SAFETY DATA SHEET

Preparation: Jul. 1, 2015

## 【 1 】 Product and Company Identification

Product Name: PVA SPONGE SHEET W/GLYCERIN  
Company: AION Co., Ltd.  
Address: 6-4 Tanimachi 2-ChomeChuo-ku Osaka Japan (TANIMACHI Bldg. 3F)  
Post Code: 540-0012  
Div. in charge: Overseas Sales Dept.  
Phone No: +81-6-4790-7855 Fax. No. : +81-6-4790-7858  
Emergency contact: Quality Assurance Dept.  
Phone No: +81-280-92-0721 Fax No. : +81-280-92-1286

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## 【 2 】 Hazard Identification

GHS classification: Not applicable to the classification standard.  
Label elements: none  
Other hazard not applicable to GHS  
classification standard: none

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## 【 3 】 Composition and Information on Ingredients

Single or mixed product: Mixed [A] containing [B]  
Chemical name: [A] Formalized polyvinyl alcohol  
[B] Glycerol (Glycerin)  
Mixing ratio or concentration: Secret  
Chemical or structural formula: [A]  $-(\text{CH}_2-\underset{\text{O}-\text{CH}_2-\text{O}}{\underset{|}{\text{CH}}}-\text{CH}_2-\text{CH})_n-(\text{CH}_2-\underset{\text{OH}}{\underset{|}{\text{CH}}})_m-(\text{CH}_2-\underset{\text{OCOCH}_3}{\underset{|}{\text{CH}}})_l-$   
[B]  $\text{CH}_2(\text{OH})-\text{CH}(\text{OH})-\text{CH}_2(\text{OH})$   
Official gazette control No.: [A]6-716 [B] 2-242  
(Law concerning the Examination  
and Regulation of Manufacture, etc  
of Chemical Substances)  
CAS No.: [A]9003-33-2 [B] 56-81-5

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## 【 4 】 First Aid Measures

Inhaled: Not applicable  
Contact with skin: Wash exposed skin with plenty of water.  
Contact with eyes: Wash off with water. Consult a doctor as necessary.  
Swallowed: Consult a doctor as necessary.

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### 【 5 】 Fire-fighting Measures

Extinguishing media:	Water, foam, or power
Fire fighting measures:	Remove the source of fire as in the case of general fire, and extinguish the fire with water or extinguishing media.
Protection for fire-fighters:	Wear breathing apparatus and other protective equipments.

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### 【 6 】 Accidental Release Measures

Not applicable

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### 【 7 】 Handling and Storage

Handling	
Technical measure:	Not necessary
Local-ventilation/Whole ventilation:	Not necessary
Safety treatment notes:	Keep away from source of fire.
Contact evasion:	See [10]Stability and Reactivity
Storage	
Appropriate safekeeping condition:	Avoid high temperature, high humidity, and direct sunlight and store in a cool, dark place as much as possible. Keep the product away from oxidizing agent and hot substances.

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### 【 8 】 Exposure Controls and Personal Protection

Control concentration:	Not applicable
Allowable concentration:	
Japan Industrial Sanitation Society:	Not applicable
ACGIH:	Not applicable ([B]only TLV:TWA 10mg/m <sup>3</sup> 2007 issue)
Facilities:	It is recommended to set facilities of washing skin and eyes.
Protective/safety gear	
Respirator:	It is recommended to wear respirator depending on the situation.
Protective goggles:	It is recommended to wear protective goggles depending on the situation.
Protective gloves:	It is recommended to wear protective gloves depending on the situation.
Protective wear:	It is recommended to wear protective clothes depending on the situation.

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### 【 9 】 Physical and Chemical Properties

Appearance:	White porous sheet
Odor:	None
pH:	Not applicable
Melting point:	No data
Boiling point:	Not applicable ([B]only 290°C)
Flash point:	No data ([B]only 177°C)
Explosion properties	Not applicable
Vapor pressure:	Not applicable ([B]only 0.1Pa 20°C)
Vapor density:	No data
Specific gravity:	0.1-0.2 (Bulk specific gravity)
Solubility:	No data (insoluble in water)
Octanol/water partition coefficient:	No data
Viscosity:	Not applicable

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### **【10】 Stability and Reactivity**

Stability:	Stable under ordinary conditions of use
Possibility of hazardous reactions:	None under condition of normal temperature and pressure
Conditions to avoid:	Heat, contact with strong acid or oxidizing agents
Incompatible materials:	No data
Hazardous decomposition products:	CO and CO <sub>2</sub> may form when heated to decomposition.

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### **【11】 Toxicological Information**

Acute toxicity:	No data ([B]only LD <sub>50</sub> 27.5g/kg rat oral)
Skin corrosion/irritation:	No data ([B]only rabbit 500mg/24H mild)
Serious eye damage/eye irritation:	No data ([B]only rabbit 500mg/24H mild)
Respiratory sensitization/Skin cauterization:	No data
Germ cell mutagenicity:	No data
Carcinogenicity:	No data
Reproductive toxicity:	No data
Specific target organ toxicity(single exposure):	No data
Specific target organ toxicity(repeated exposure):	No data
Aspiration hazard:	No data

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### **【12】 Ecological Information**

Ecotoxicity:	No data
Degradation:	No biodegradation. ([B]only biodegradation)
Accumulation:	No data

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### **【13】 Disposal Considerations**

Product waste must be incinerated or buried according to the laws and ordinances of the district.

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### **【14】 Transportation Information**

UN Classification :	Not applicable
UN No.:	Not applicable

Cover the product with a waterproofing sheet, etc. to avoid rainwater.

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### **【15】 Regulatory Information**

Fire Service Act:	Inflammables synthetic resin
Industrial Safety and Health Act:	Not applicable
PRTR:	Not applicable
Ship Safety Act:	Not applicable

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### **【16】 Other Information**

- The evaluation of danger and toxicity is not sufficient, so handle the product with sufficient care.
  - The contents of this SDS are based on documents, information, data, etc. that are available currently, which may be revised according to the latest findings.
  - The contents of the SDS are not guaranteed. The precaution presupposes ordinary handling. Take specific safety measures for applications and usage when special handling is intended.
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