

# Material Safety Data Sheet

## 1 Corporate information chemistry substance

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Chemistry substance names **HYDROPROOF WP- G S**

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## 2 Constituent information

Product name: Hydro-proof WP-GS  
Compound: Changeable silicon +Silica compound  
Characteristic: Water high elasticity waterproof protection material  
Official gazette notification number

Constituent		
1.Silicon liquid emulsion	C2H5OH	5% or less
2.Ethanol	(2)-202	Public chemicals
3.Water	Off the subject	

(Application law relates to MSDS)

Virulence and deleterious substance regulation: Non-correspondence

The law concerning Grasp the amount of Specified Chemical Substance exhausting to environment and, the promotion of the improvement of management.

(PRTR regulation): Non-correspondence

## 3 Summary of Danger Detrimental

### The name of a classification:

It does not correspond to the standard of a classification.

**Danger:** Special danger is not reported.

**Detrimental:** When drunk by mistake and exposed, there is detrimental fear.

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## 4 Emergency Measure:

The skin, an eye, membrane, etc. may be stimulated.

### When it goes into an eye:

After pure running water washes 15 minutes or more immediately receive a medical examination of a doctor. An eyelid is opened and it is made for water to spread to all the corners of an eyeball in the case of washing.

### When it adheres to the skin:

The polluted clothing shoes are taken off promptly. It washes pouring a lot of water or lukewarm water. It fully washes out using soap etc. if needed. When change is looked at by appearance or an ache is in it, a medical examination of a doctor is received.

### When it inhales:

When feeling becomes bad, it is made quiet in the pure place of air and a medical examination of a doctor is received immediately.

### When it understands:

Water is sufficient the inside of a mouth is washed and a medical examination of a doctor is received immediately.

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## 5 Measure in case of Fire

### Fire-extinguishing method:

A suitable protection implement is worn. Although this substance is nonflammability combustion and high temperature decompose, and since there is a possibility of generating poisonous Hume it is careful.

### Fire-extinguishing agent:

water atomization, Bubble, Powder, Carbon dioxide

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## 6 Accidental release measures

Take up with absorbent for chemicals or, of necessary with dry sand.

Rinse away residue with plenty water.

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**7 Handling and storage:**

Keep container tightly closed.

Handle and open container with care. No special measures required.

**Storage:** After sealing it is kept in a regular cool place.

Storage at the freezing point is not carried out.

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**8 Exposure Prevention and Protection Measure**

**Administrative concentration**

It is not set up.

**Permission concentration**

ACGIH TLV TWA 1000ppm (ethnol)

OSHA PEL : 8H TWA 1000ppm (ethnol)

**The measure against equipment**

Eye protection: Wear eye/face protection.

Avoid contact with eyes and skin.

Hand protection: of rubber

**Protection implement breathing**

A situation is embraced and they are a gas mask a simple gas mask etc.

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**9 Physical and Chemical Character**

Appearance etc

Milk white

Melting point

No information

Specific gravity

1.01 ~ 1.02g/ml (20 )

Boiling point

No information

Steam pressure

No information

Steamy density

No information

Solubility

No information

Flash point

No information

Ignition point

No information

Explosion limit

No information

Others

Pace expansion 250 ~ 260% (25 )

pH: 6.0 ~ 6.5 (Neutral)

coefficient of viscosity 10mPa·s les

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**10 Stability and Reactivity**

Hazardous decomposition products: No hazardous decomposition products observed.

Stable in the usual handling conditions.

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**11 Detrimental Information**

**Stimulative**

The stimulative data to the skin or an eye is reported. (Ethanol)

·skn-rbt 20 mg/24H MOD

·eye-rbt 500 mg SEV

**Acute toxicity**

The data of acute toxicity is reported. (Ethanol)

·orl-man TDLo: 50 mg/kg

·orl-rat LD50: 7060 mg/kg

·ihl-rat LC50: 20000 ppm/10H

·skn-rbt LDLo: 20 gm/kg

Others The data of a publication is extracted from RTECS.

Please refer to the original about data and the still more detailed information other than these. [RTECS number: KQ6300000 (ethanol)]

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**12 Environmental Influence Information**

Since there is a danger of affecting environment in the cases disclosure and abandonment it is cautious of handling.

**Environmental influence information**

The chemistry substance with which decomposition nature decomposition nature is judged to be good (Ministry of International Trade and Industry public announcement) (ethanol)

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**13 Cautions on Abandonment**

- A suitable protection implement is worn.
  - It processes according to a related regulation or regulations.
  - It is made for there to be no possibility of producing hygiene top harm.
  - It carries out, after removing a contents thing completely, when disposing of an empty container.
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**14 Cautions on Transportation**

- It confirms that there is no leak in a container on the occasion of conveyance it loads so that there may not be a fall and damage prevention of collapse cargo piles is ensured.
- U.N. classification** It does not correspond to the classification standard of the U.N.  
**U.N. number** No relevance.
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**15 Application Statute**

- The detrimental thing notification number 311 which should notify a name etc. (less than silica1% ) Notification number 62 (less than ethanol 1%)
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**16 Other information**

**Quotation reference**

Registry of Toxic Effects of Chemical Substances (RTECS), NIOSH (CD-ROM version)  
Sax's Dangerous Properties of Industrial Materials 9th ed., R.J.Lewis, Sr.,  
Van Nostrand Reinhold (CD-ROM version)

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- Although this MSDS is created in good faith based on the information which we could know, it does not make any guarantees about evaluation of the data of a publication, danger, and detrimental nature. Please investigate danger and not only detrimental nature information but the newest rule of the organization which uses it an area, and a country, regulations, a regulation system, etc. in advance of use and give top priority to them.

The purchased goods make it the major premise to be consumed promptly also from the point of safety. Then, since new information and new correction may be added, when it should be sharply postponed by use time or concern has been held, please consult with our company anew.

Moreover, notes of a publication need to pay sufficient attention after implementing the safety measures suitable for the situation, when carrying out special handling for the usual handling. It should treat by recognition all chemicals "have strange danger and detrimental nature" and the danger and detrimental nature also change greatly with the environment at the time of use how to treat or the state of storage, and periods. It warns of dealing with it under instruction of directions with special knowledge and experience or those people until it results from opening in storage and abandonment not to mention the time of use. In the responsibility for use Gentlemen I ask you to set up a safe operating condition.

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**Purpose of use**

WP-GS demonstrates an effect also as a measure against efflorescence as finish material of concrete for the purpose of the last surface protection such as surface weathering discoloration prevention.