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**SECTION 1: Identification of the substance/mixture and of the company****Product Identifier**

Product Name: SiSiB® AP1280

**Relevant identified uses of the substance or mixture and uses advised against**

Relevant applications identified For industrial use

**Details of the supplier of the safety data sheet****Company**Nanjing SiSiB Silicones Co., Ltd.  
Guanghua Sci & Tech Industrial Zone,  
No. 104, Guanghua Road, Nanjing 210007, P.R.China  
Email: SDS@SiSiB.com**Emergency Telephone Number:** +86-25-8468-0091**SECTION 2: Hazardous identification****2.1 Classification of the substance or mixture**

The product has not been classified as hazardous according to the legislation in force.

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

**2.2 Label elements** Not applicable**Additional Information:** No data available**2.3 Other hazards**

No data available

**SECTION 3: Composition/information on ingredients****3.1 Chemical nature:**

Polyalkyleneoxidealkoxysilane

**3.2 Mixtures****General information:** No hazardous ingredients.**SECTION 4: First aid measures****General:**

Move into fresh air and keep at rest. Get medical attention immediately.

**4.1 Description of first aid measures****Inhalation:**

Move the exposed person to fresh air at once. If respiratory problems, artificial respiration/oxygen. Call a physician or poison control center immediately.

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**Eye contact:**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

**Skin Contact:**

Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Wash contaminated clothing before reuse. Get medical attention.

**Ingestion:**

If conscious, drink plenty of water. Do not induce vomiting. Call a physician or poison control center immediately.

**4.2 Most important symptoms and effects, both acute and delayed:**

Product may hydrolyse upon contact with body fluids in the gastrointestinal tract to produce additional methanol; therefore, consider the signs/symptoms of methanol poisoning and also observe the known latency period of several days!

**4.3 Indication of any immediate medical attention and special treatment needed****Hazards:**

No data available.

**Treatment:**

Get medical attention immediately. If swallowed, do NOT induce vomiting. Give a glass of water.

**SECTION 5: Firefighting measures****General Fire Hazards:**

Do not use water jet as an extinguisher, as this will spread the fire.

**5.1 Extinguishing media****Suitable extinguishing media:**

Alcohol-resistant foam Carbon dioxide

**Unsuitable extinguishing media:**

Avoid water in straight hose stream; will scatter and spread fire.

**5.2 Special hazards arising from the substance or mixture:**

In case of fire, carbon monoxide and carbon dioxide may be formed.

**5.3 Advice for firefighters****Special fire fighting procedures:**

Take precautionary measures against static discharges. To prevent and minimize fire or explosion risk from static accumulation and discharge, effectively bond and/or ground product transfer system.

**Special protective equipment for fire-fighters:**

Wear self-contained breathing apparatus and protective clothing.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures:**

Extinguish and do not turn on any ignition source until the area is determined to be free from fire or explosion hazards. Avoid contact with eyes, skin, and clothing. Avoid contact with liquid and vapors. Use personal protective equipment.

**6.2 Environmental Precautions:**

No data available.

**6.3 Methods and material for containment and cleaning up:**

Absorb spillage with suitable absorbent material.

**6.4 Reference to other sections:**

Remove sources of ignition. In case of spills, beware of slippery floors and surfaces. See Section 8 of the SDS for Personal Protective Equipment. Collect and dispose of spillage as indicated in section 13 of the SDS.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling:**

Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Avoid breathing mists or vapors. Wash hands after handling.

**Storage conditions:**

Keep container tightly closed. Keep away from sources of ignition - No smoking.

**7.2 Conditions for safe storage, including any incompatibilities:**

Keep container tightly closed.

**Storage Stability:**

No data available.

**7.3 Specific end use(s):**

No data available.

**SECTION 8: Exposure Controls/Personal Protection****8.1 Control Parameters**

**Occupational Exposure Limits** None of the components have assigned exposure limits.

**Biological Limit Values** None.

**8.2 Exposure controls****Appropriate Engineering Controls:**

Provide eyewash station and safety shower. General (mechanical) room ventilation is expected to be satisfactory if handled at low temperatures or in covered equipment.

**Individual protection measures, such as personal protective equipment****General information:**

Use only in well-ventilated areas. Do not eat, drink or smoke when using the product. Wash hands after

handling. Practice good housekeeping.

**Eye/face protection:**

Safety glasses with side-shields

**Skin protection****Hand Protection:**

Advice: This recommendation is valid only for our Product as delivered. If this product will be mixed with other substances you need to contact a supplier of CE approved protective gloves

Material: 730 Camatril

Glove thickness: 0,4 mm

**Other:**

Safety shoes Wear suitable protective clothing.

**Respiratory Protection:**

Respirator with a vapour filter (EN 141)

**Hygiene measures:**

Avoid contact with eyes. When using do not smoke. Wash thoroughly after handling.

**Environmental exposure controls:**

No release to wastewater from process as such, wastewater emissions limited to release generated from final equipment cleaning step using water.

**SECTION 9: Physical and Chemical Properties****Information on basic physical and chemical properties**

Physical state	liquid
Form	liquid
Color	Amber
Odor	Polyether
Odor Threshold	no data available
pH	no data available
Melting point/range	no data available
Freezing point	< 0 °C
Boiling point (760 mmHg)	> 150 °C (1.013 hPa)
Flash point	87 °C (ASTM D 93)
Evaporation rate	< 1 (n-Butyl acetate=1)
Flammability (solid, gas)	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Vapor pressure	< 1.33 hPa (20 °C)
Vapor density (air=1)	> 1
Density	1.08 g/cm <sup>3</sup> (25 °C)
Relative density	No data available

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Solubility in Water	Reactive.
Solubility (other)	No data available
Partition coefficient (n-octanol/water) Log Pow	No data available
Autoignition Temperature	No data available.
Decomposition Temperature	No data available.
SADT	No data available.
Viscosity, dynamic	No data available
Viscosity, kinematic	No data available
Explosive properties	No data available
Oxidizing properties	No data available

**SECTION 10: Stability And Reactivity****10.1 Reactivity:**

polymerisation

**10.2 Chemical Stability:**

No data available

**10.3 Possibility of hazardous reactions:**

No data available

**10.4 Conditions to avoid:**

Humid air. Heat, sparks, flames.

**10.5 Incompatible Materials:**

Reacts with water liberating small amounts of methanol. Oxidizing agents.

**10.6 Hazardous Decomposition Products:**

Carbon oxides Oxides of silicon.

**SECTION 11: Toxicological Information****Information on likely routes of exposure****Inhalation:**

No data available.

**Ingestion:**

No data available.

**Skin Contact:**

No data available.

**Eye contact:**

No data available.

**11.1 Information on toxicological effects Acute toxicity**

**Oral**

Product: LD 50 (Rat): > 20.000 mg/kg Slightly toxic

Specified substance(s)

**Dermal**

Product: LD 50 (Rat): > 17.000 mg/kg Not classified Slightly toxic

Specified substance(s)

**Inhalation**

Product:

ATEmix1.500 mg/l Vapour

Specified substance(s)

**Repeated dose toxicity**

Product:

No data available.

Specified substance(s)

**Repeated dose toxicity**

Product:

No data available.

Specified substance(s)

**Skin Corrosion/Irritation:**

Product: (Rabbit): No skin irritation.

Specified substance(s)

**Serious Eye Damage/Eye Irritation:**

Product: (Rabbit): Non irritating.

Specified substance(s)

**Respiratory or Skin Sensitization:**

Product:

No data available.

Specified substance(s)

**Germ Cell Mutagenicity In vitro**

Product:

No data available.

In vivo

Product:

No data available.

**Carcinogenicity**

Product:

No data available.

**Reproductive toxicity**

Product:

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No data available.

**Specific Target Organ Toxicity - Single Exposure**

Product:

No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

Product:

No data available.

**Aspiration Hazard**

Product:

No data available.

**Other effects:**

No data available.

**SECTION 12: Ecological Effects****12.1 Toxicity**

Acute toxicity

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Chronic Toxicity Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

**12.2 Persistence and Degradability Biodegradation**

Product: No data available.

BOD/COD Ratio

Product No data available.

**12.3 Bioaccumulative potential**

Product: No data available.

**12.4 Mobility in soil**

No data available.

Known or predicted distribution to environmental compartments

**12.5 Results of PBT and vPvB assessment**

No data available.

**12.6 Other adverse effects**

No data available.

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**SECTION 13: Disposal considerations****Waste treatment methods****General information:**

No data available.

**Disposal methods:**

Can be incinerated when in compliance with local regulations.

**SECTION 14: Transport Information****ADR**

Not regulated.

**ADN**

Not regulated.

**RID**

Not regulated.

**IMDG**

Not regulated.

**IATA**

Not regulated.

**Special precautions for user:**

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods. Keep away from foodstuffs and animal feed.

**Transport in bulk according to Annex II of MARPOL and the IBC Code:**

Not applicable

**SECTION 15: Regulatory Information****Safety, health and environmental regulations/legislation specific for the substance or mixture****EU Regulations**

Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer: none

Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer: none

Regulation (EC) No. 850/2004 on persistent organic pollutants: none

Regulation (EC) No. 850/2004 on persistent organic pollutants: none

Regulation (EC) No. 649/2012 Import and export of dangerous chemicals: none

Regulation (EC) No. 649/2012 Import and export of dangerous chemicals: none

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended:  
none



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Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended:  
none

EU. REACH Candidate List of Substances of Very High Concern for Authorization (SVHC): none

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use:

Chemical name	CAS-No.	Concentration
Methanol	67-56-1	0,1 - 1,0%

Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work: none

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding: none

**Directive 96/82/EC (Seveso III): on the control of major accident hazards involving dangerous substances:**

Chemical name	CAS-No.	Concentration
Methanol	67-56-1	0,1 - 1,0%

EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants: none

**Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work:**

Chemical name	CAS-No.	Concentration
Methanol	67-56-1	0,1 - 1,0%

#### 15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

#### Inventory Status

##### Australia AICS:

On or in compliance with the inventory

Remarks: None.

##### Canada DSL Inventory List:

On or in compliance with the inventory

Remarks: None.

##### EINECS, ELINCS or NLP:

On or in compliance with the inventory

Remarks: None.

##### Japan (ENCS) List:

On or in compliance with the inventory

Remarks: None.

##### China Inv. Existing Chemical Substances:

On or in compliance with the inventory

Remarks: None.

##### Korea Existing Chemicals Inv. (KECI):

On or in compliance with the inventory

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Remarks: None.

**Canada NDSL Inventory:**

Not in compliance with the inventory.

Remarks: None.

**Philippines PICCS:**

On or in compliance with the inventory

Remarks: None.

**US TSCA Inventory:**

On or in compliance with the inventory

Remarks: None.

**New Zealand Inventory of Chemicals:**

On or in compliance with the inventory

Remarks: None.

**Taiwan Chemical Substance Inventory:**

On or in compliance with the inventory

Remarks: None.

**REACH:**

If purchased from Momentive Performance Materials GmbH in Leverkusen, Germany, all substances in this product have been registered by Momentive Performance Materials GmbH or upstream in our supply chain or are exempt from registration under Regulation (EC) No 1907/2006 (REACH). For polymers, this includes the constituent monomers and other reactants.

## SECTION 16: Other Information

**Further information**

It must be recognized that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.