SECTION 1: Identification of the substance/mixture and of the company

Product Identifier

Product Name: SiSiB® PC19523

Chemical Name: Silicone Emulsifier

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

Relevant applications identified: Personal care additives

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

Risk Classification (GHS)

None.

Label Elements & Precautionary Statements

Graphic Symbols: None

Signal Words: None

Risk Description: None

Precautionary statement(s):

In case of contact with eyes when processing or use, flush eyes with plenty of water for at least 15 minutes. Occasionally lifting the upper and lower eyelids, get medical aid immediately. To keep far away from fire, and no smoking.

Other hazards

Unknown

SECTION 3: Composition/information on ingredients

Chemical Classification

Chemically synthesized polymer

Hazardous Ingredients

Polyether

Name	Symbol	% (w/w)
Polyether	Xi	<50

SECTION 4: First aid measures

Eye Contact

Rinse rapidly with towel, then flush eyes with plenty of water.

Skin Contact

No first aid under routine use.

Inhalation

No first aid if inhale small amount of the substance. However, if ingest, please get medical aid immediately.

Notes

Treat symptomatically and supportively.

Symptoms and Hazards

No adverse effects under normal use.

SECTION 5: Firefighting measures

Suitable Fire-fighting Media

For small fire: carbon dioxide fire extinguisher; dry chemical powder; sandy soil; water. For conflagration: dry chemical fire extinguisher; foam extinguisher; water.

Prohibited Extinguishing Agent

Unknown

Special Hazards

During a fire, hazardous substances such as CO_2, unburnt carbon compounds, and HCHO may be generated by thermal decomposition or combustion.

Special Extinguishing Procedures

According to local emergency program to determine whether evacuate or isolate the area. Use water to cool containers that are affected by fire.

Advice for Firefighters

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Lower the temperature around the fire by water.

SECTION 6: Accidental release measures

Personal Precaution

No oral administration and eye contact; Avoid breathing dust;

Keep containers closed.

Environmental Protection

Do not let product enter drainage system, and discharge into the environment must be avoided.

Clean-up Methods

Swipe up or shovel the possible combustible materials, then keep in suitable and closed containers for disposal. Avoid dust formation by using vacuum cleaner, water scrubbing and rinsing. Or clean up the leakage materials in accordance with the local laws and regulations.

SECTION 7: Handling and storage

Precautions for Safe Handling

Provide appropriate exhaust ventilation at places where dust is formed. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Precautions for Safe Storage

Avoid accumulation of static charges by methods of paralleling, grounding and inert gas. Keep containers tightly closed in a dry, cool and well-ventilated place.

SECTION 8: Exposure Controls/Personal Protection

Exposure Limits

no date available

Ventilation Equipment

Recommended.

Personal protective equipment under routine operation

Respiratory Protection

In case of dust formation, wear a dust mask.

Appropriate Respirator

No special requirements.

Eye Protection

Wear ordinary protective goggle.

Hand Protection

Handle with gloves if necessary.

Skin Protection

Wash and dry hands before breaks and at the end of workday.

Body Protection

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance

Form: Colorless to light yellow transparent to translucent flowing liquid

Color	Colorless to light yellow
Odor	Slight peculiar smell
pH Value	6-8
Melting point/freezing point	no data available
Boiling Point and Range	>200°C
Flash point:	>100°C (closed cup test)
Explosive Limits	no data available
Vapor pressure (25°C)	no data available
Relative vapor pressure (Air=1)	no data available
Relative density	0.90-0.99 g/cm^3
Water solubility:	miscibility
N-octanol/water Partition Coefficient	no data available
Auto-ignition temperature	no data available
Decomposition temperature	>300°C
Evaporation Rate	no data available
Flammability (Solid, Gas)	no data available

SECTION 10: Stability And Reactivity

Chemical stability

Stable

Possibility of Hazardous Reactions

No hazardous polymerization.

Conditions to avoid

None

Taboo Things

Oxidizing material

Hazardous Decomposition Products

Unknown

SECTION 11:Toxicological Information

Routes of Exposure

Aspiration, skin contact, and accidental ingestion.

Effects and Symptoms by

No adverse effects under routine use.

Excessive Contact

Acute Toxicity

Eye

Temporary red eyes and eye irritation by direct contact.

Skin

No serious injury by single short time exposure.

Aspiration

None to extremely low risk of ingestion under routine use.

Accidental Ingestion

None to extremely low risk of ingestion under routine use.

Germ Cell Mutagenicity

No relevant reports yet.

Carcinogenicity

No relevant reports yet.

Reproductive Toxicity

No relevant reports yet.

SECTION 12: Ecological Effects

Ecological Toxicity to Aquatic and Terrestrial Animals

Acute Effects

Little effects to aquatic animals.

Effects to Waste Water

No date available for the harmful effects of bacteria. The silicone in this product is not a part of BOD.

Persistence and Degradability

Degradation of silicone in soil.

Bio-accumulative Potential

No bio-accumulation.

Mobility in Soil

To separate the silicone from water by depositing or adhering sludge and sewage.

SECTION 13:Disposal considerations

Waste Treatment Methods

When taken as waste disposal, non-dangerous materials need to be disposed in accordance with local laws and regulations.

Disposition Noticed

Recycle properly while dispose in accordance with local laws and regulations.

SECTION 14:Transport Information

ADR/RID

Not regulated. Non-dangerous goods, normal transport, no restriction.

IMDG

Not regulated. Non-dangerous goods, normal transport, no restriction.

IATA

Not regulated. Non-dangerous goods, normal transport, no restriction.

Special Requirements and Other Information

no data available

SECTION 15:Regulatory Information

Applicable Laws and Regulations

In accordance with “Regulations on Safe Use of Chemicals in Workplace” (December 20, 1996) by Ministry of Chemical Industry in China.

Preparation of dangerous goods complies with the requirements of EU 1999/45/EC

Dangerous Items

None

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.