

Version 6.3W

Page 1 / 8

Revision Date 22.05.2022

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

Product Name: SiSiB® WR1450

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****CLP classification according to Regulation (EC) No. 1272/2008**

According to Regulation (EC) No 1272/2008 and its amendments. Not classified as a dangerous substance.

Label elements

Hazard pictograms Not applicable

Signal word Not applicable

Hazard statements

Hazard statements Not applicable

Precautionary statements**Prevention**

Prevention Not applicable

Response

Response Not applicable

Storage

Storage Not applicable

Disposal

Disposal Not applicable

Other hazards

Not applicable

SECTION 3: Composition/information on ingredients

Version 6.3W	Page 2 / 8	Revision Date 22.05.2022
--------------	------------	--------------------------

Component	CAS No.	EC No.	Index No.	Hazard classification according to CLP	Concentration (weight percent, %)
Poly(dimethylsiloxane)	63148-62-9	203-492-7	-	Not Classified	≥10%

SECTION 4: First aid measures

Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
Skin contact	Take off contaminated clothing and shoes immediately. Wash off with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
Inhalation	Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.
Protecting of first-aiders	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.
Most important symptoms and effects, both acute and delayed	Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure.
Indication of any immediate medical attention and special treatment needed	Treat symptomatically. Symptoms may be delayed.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media	Use extinguishing media suitable for surrounding area.
Unsuitable extinguishing media	There is no restriction on the type of extinguisher which may be

Version 6.3W	Page 3 / 8	Revision Date 22.05.2022
--------------	------------	--------------------------

used.

Specific hazards arising from the substance or mixture

Containers may explode when heated.

May expansion or decompose explosively when heated or involved in fire.

Advice for firefighters

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.

Fight fire from a safe distance, with adequate cover.

Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.

Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Use personal protective equipment. Avoid breathing vapours, mist, gas or dust.

Environmental precautions

Prevent further leakage or spillage if safe to do so.

Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.

Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

SECTION 7: Handling and storage

Control parameters

Occupational Exposure limit values

Occupational Exposure limit values No information available

Biological limit values

Biological limit values No information available

Monitoring methods

EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.

GBZ/T 160.1~GBZ/T 160.81-2004 Determination of toxic substances in workplace air (Series standard).

Version 6.3W	Page 4 / 8	Revision Date 22.05.2022
--------------	------------	--------------------------

Derived No effect level (DNEL)

Component	Route of exposure	DNEL for Workers			
		Acute effects (local)	Acute effects (systemic)	Chronic Effects (local)	Chronic Effects (systemic)
Poly(dimethylsiloxane) 63148-62-9	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available

Predicted No Effect Concentration (PNEC)

Predicted No Effect Concentration (PNEC) No information available

Engineering controls

- Ensure adequate ventilation, especially in confined areas.
- Ensure that eyewash stations and safety showers are close to the workstation location.
- Use explosion-proof electrical/ventilating/lighting/equipment.
- Set up emergency exit and necessary risk-elimination area.

Personal protection equipment



General requirement

- Eye protection** Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US).
- Hand protection** Wear protective gloves (such as butyl rubber), passing the tests according to EN 374(EU), US F739 or AS/NZS 2161.1 standard.
- Respiratory protection** If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.
- Skin and body protection** Wear fire/flame resistant/retardant clothing and antistatic boots.

SECTION 8: Exposure Controls/Personal Protection

Precautions for handling

Protective measures

- Handling is performed in a well-ventilated place.
- Wear suitable protective equipment.
- Avoid contact with skin and eyes.

Version 6.3W

Page 5 / 8

Revision Date 22.05.2022

Measures to prevent fire

Keep away from heat/sparks/open flames/ hot surfaces.

Measures to prevent aerosol and dust generation

Not applicable.

Advice on general occupational hygiene

Wash hands and face after using of the substances.

Replace the contaminated clothing immediately.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed .

Keep containers in a dry, cool and well-ventilated place.

Keep away from heat/sparks/open flames/hot surfaces.

Store away from incompatible materials and foodstuff containers.

Specific end uses

In addition to use mentioned in the first parts, unforeseen other specific end uses.

SECTION 9: Physical and Chemical Properties**Physical and Chemical Properties**

Appearance	Milky white Liquid
Odor	No information available
Odor threshold	No information available
PH	6.0-8.0
Melting point/freezing point(°C)	No information available
Initial boiling point and boiling range(°C)	No information available
Flash point(Closed cup, °C)	No information available
Evaporation rate	No information available
Flammability	No information available
Upper/lower explosive limits[%(v/v)]	Upper limit: No information available Lower limit: No information available
Vapor pressure	No information available
Vapor density (Air=1)	No information available
Relative density (Water=1)	1.00±0.1
Solubility(mg/L) n-octanol/water	No information available
partition coefficient	No information available
Auto-ignition	No information available

Version 6.3W	Page 6 / 8	Revision Date 22.05.2022
--------------	------------	--------------------------

temperature(°C)	
Decomposition temperature(°C)	No information available
Viscosity(mm ² /s)	1505~2500 (25°C)
Explosive properties	No information available
Oxidizing properties	No information available

SECTION 10: Stability And Reactivity

Stability and reactivity

Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
Chemical stability	Stable under proper operation and storage conditions.
Possibility of hazardous Reactions	No information available
Conditions to avoid	Incompatible materials, heat, flame and spark.
Incompatible materials	No information available
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological Information

Acute toxicity

Acute toxicity No information available

Carcinogenicity

ID	Cas No.	Component	IARC	NTP
1	63148-62-9	Poly(dimethylsiloxane)	Not Listed	Not Listed

Others

silicone emulsion water repellent

Skin corrosion/irritation	No information available
Serious eye damage/irritation	No information available
Skin sensitization	No information available
Respiratory sensitization	No information available
Reproductive toxicity	No information available
STOT-single exposure	No information available
STOT-repeated exposure	No information available
Aspiration hazard	No information available
Germ cell mutagenicity	No information available

Version 6.3W	Page 7 / 8	Revision Date 22.05.2022
--------------	------------	--------------------------

Reproductive toxicity(additional) No information available

SECTION 12: Ecological Effects

Acute aquatic toxicity

Acute aquatic toxicity No information available

Chronic aquatic toxicity

Chronic aquatic toxicity No information available

Persistence and degradability

Persistence and Degradability No information available

Bioaccumulative potential

Bioaccumulative potential No information available

Mobility in soil

Mobility in soil No information available

Results of PBT and vPvB assessment

Component	Cas No.	Results of PBT and vPvB assessment (according to (EC) No 2015/830)
Poly(dimethylsiloxane)	63148-62-9	not PBT/vPvB

SECTION 13: Disposal considerations

Disposal considerations

Waste chemicals

Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.

Contaminated packaging

Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.

Disposal recommendations

Refer to section 13.

SECTION 14: Transport Information

Label and Mark

Transporting Label Not applicable

Version 6.3W

Page 8 / 8

Revision Date 22.05.2022

IMDG-CODE**IMDG-CODE**

Not regulated for transport of dangerous goods

ICAO/IATA-DGR

Not regulated for transport of dangerous goods

ICAO/IATA-DGR**UN-ADR****UN-ADR**

Not regulated for transport of dangerous goods

SECTION 15:Regulatory Information**International chemical inventory****Component:** Poly(dimethylsiloxane)

【EINECS】 European Inventory of Existing Commercial Chemical Substances	NO
【TSCA】 United States Toxic Substances Control Act Inventory	YES
【DSL】 Canadian Domestic Substances List	YES
【IECSC】 China Inventory of Existing Chemical Substances	YES
【NZIoC】 New Zealand Inventory of Chemicals	YES
【PICCS】 Philippines Inventory of Chemicals and Chemical Substances	YES
【KECI】 Existing and Evaluated Chemical Substances	YES
【AICS】 Australia Inventory of Chemical Substances	YES
【ENCS】 Existing And New Chemical Substances	NO

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.