Material Safety Data Sheet

SiCare®2215 (MSDS)

Version：2.0
Revision Date：31.07.2017

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

1.1 Product Name:	SiCare®2215
1.2 Chemical Classification:	Polyether Modified Dimethicone
1.3 Dangerous Goods Classification:	Non-dangerous
1.4 Manufacturer/Supplier:	Hunan Silok Silicone Co., Ltd.
1.5 Address:	Yu Ping Mountain International Industrial City, Xie Yuan North Rd. Ning Xiang Economic development zone, Chang Sha City.
1.6 Post Code:	410600
1.7 Emergency Telephone No.:	+86-20-3221-9284
1.8 Customer Service Telephone No.:	+86-20-3221-9899
1.9 Fax No.:	+86-20-3221-9200

2. COMPOSITION / INFORMATION ON INGREDIENTS

2.1 Chemical Class:	Single polymer		
2.2 Physical Form:	Transparent to translucent liquid		
2.3 Color:	Colorless to light yellow		
2.4 Main Application:	Used for various kinds of personal care products like liquid foundation and other cosmetics, skin care emulsion and cream, sunscreen products antiperspirant and deodorant.		
2.5 Ingredients:	**Chemical Name**	**CAS No.**	**%（w/w）**
	PEG-10 Dimethicone	68937-54-2	96-99
	Polyethylene Glycol	25322-68-3	1-4

3. HAZARDS IDENTIFICATION

3.1 Hazards Category:	Non Hazardous Components
3.2 Health Hazard	
3.2.1 Acute Effects:	
Eyes:	Direct contact can cause temporary redness and discomfort.
Skin:	Exposure in single short time causes no significant impacts.
Inhalation:	Exposure in single short time causes no significant impacts.
Ingestion:	Only very low intake danger at regular use.
3.2.2 Chronic Effects:	
Skin:	No suitable data
Ingestion:	Repeated or large amount of intake may cause internal harm for body.
Inhalation:	No suitable data

4. FIRST AID MEASURES

4.1 Eyes:	Immediately rinse with water.
4.2 Skin:	No need of first aid.

4.3 Inhalation:	Move to fresh air.
4.4 Ingestion:	Seek medical treatment.
4.5 Note:	Symptomatic treatment.

5. FIRE-FIGHTING MEASURES

5.1 Fire Extinguishing Agent:	Use dry chemicals, foam or water mist for big fire. Use CO_2, dry chemicals and water mist for small fire. Use water to cool down containers exposed in the fire.
5.2 Special Fire Fighting Procedures and Equipment:	According to the local emergency plan to decide whether to evacuate or insulate the fired area or not. Self-contained respirator and protective clothing should be worn when putting out fires involved with chemicals.
5.3 Specific hazards:	None.
5.4 Prohibit using Fire Extinguishing Agent:	Undetermined

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions:	Avoid eye contact. Do not take internally.
6.2 Environmental Precautions:	Prevent spreading or entering into sewers, drainage ditches, or rivers by sand, soil or other appropriate inhibitors.
6.3 Methods for Eliminating:	According to the local emergency plan to decide whether to evacuate or insulate the fired area or not. Follow all using recommendations of PPE listed at MSDS of this substance. If blocked materials can be sucked up, it should be cased into in suitable container. Clean leaked remains with suitable absorbant. Clean leaked area suitably, even small quantities of leakage may cause a slip hazard. Final clean is required using of steam, solvents or detergents. Take suitable treatments for saturated absorbant or clean materials as a self-heating may occur.

7. HANDLING AND STORAGE

7.1 Handling Precautions:	Use full ventilation and exhaust equipment. Avoid eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after operations, especially before eating, drinking or smoking.
7.2 Storage Hints:	Be careful and store far away from oxidizing materials.
7.3 Suitable Packaging Materials:	Unsuitable materials: Undetermined.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Engineering Controls:	
Local Ventilation:	Recommended.
General Ventilation:	Recommended.
8.2 Personal Protective Equipment for Routine Handling:	
Respiratory Protection:	No need of respiratory protection.
Suitable Respirator:	No need to use.

Eyes Protection:	Use proper protection - safety glasses as a minimum.
Hands Protection:	No need of special protection.
Skin Protection:	Wash at mealtime or off work.
Personal Hygiene Measures:	Exercise good industrial hygiene practice. Wash after operations. Especially before eating, drinking or smoking.

8.3 Personal Protective Equipment for Spills:

Respiratory Protection:	No need of respiratory protection.
Eyes Protection:	Use proper protection - safety glasses as a minimum.
Skin Protection:	Wash at mealtime or off work.
Precautionary Measures:	Avoid eye contact. Do not take internally. Adopt proper protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Form:	Liquid
9.2 Color:	Colorless to light yellow
9.3 Solubility:	Oil soluble
9.4 Odor:	Characteristic odor
9.5 Cloud Point:	No suitable data
9.6 Flash Point:	>100℃ (Closed cup)
9.7 Viscosity:	200-500 cps (25℃)
9.8 Explosive Temperature:	No suitable data
9.9 Explosive Property:	None
9.10 Vapor Pressure:	No suitable data

(The information above is for reference only.)

10. STABILITY AND REACTIVITY

10.1 Stability:	Stable under normal use.
10.2 Materials to Avoid:	Strong acid, strong base, strong oxidizer.
10.3 Decomposition Products:	SiO_2. Methanal. CO_2 and traces of incompletely burned carbide.
10.4 Hazardous Polymerization:	Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

11.1 Exposure Route:	Inhalation, skin contact, eye contact and accidental ingestion.
11.2 Effects and Symptoms of Excessive Contact:	No obvious adverse effects at regular use.
11.3 Acute Toxicity :	
Eyes:	Direct contact can cause temporary redness and discomfort.
Skin:	Exposure for single short time may cause no significant impacts.
Ingestion:	Only very low intake danger at regular use.
Inhalation:	Exposure in single short time may cause no significant impacts.
11.4 Chronic Effects:	
Skin:	No suitable data.

Ingestion:	Repeated or large intake may cause internal harm for body.
Inhalation:	No suitable data.
11.5 Other Health Hazardous Information:	No suitable data.

Potential danger listed above is based on components analysis of the product or similar ones and reviews from experts.

12. ECOLOGICAL INFORMATION

12.1 Environmental Impact And Its Distribution:	By depositing or bonding to the silt, Siloxane will be separated out from the water, then degraded in the soil.
12.2 Environmental Impact:	Acute effects: None harmful effects on aquatic organisms. Chronic effects: None harmful effects on aquatic organisms.
12.3 Impact on the Waste Water Treatment Plant:	Bonding with sewage sludge, more than 90% can be removed. No harmful effects on bacteria. The siloxane in this product is not part of BOD.

13. DISPOSAL CONSIDERATIONS

13.1 Product Waste and Disposal Method:	Dispose according to local regulations.
13.2 Contaminated Packaging:	Dispose according to local regulations.

14. TRANSPORT INFORMATION

14.1 Road and Rail Transport:

Not restricted.

14.2 Sea Transport (IMDG):

Not subject to IMDG code

14.3 Air Transport (IATA):

Not subject to IATA Rules **(Remarks: Vented packages are forbidden for air transport.)**

15. EGULATORY INFORMATION

15.1 Application Regulatory:

Regulations on Chemicals of Workplace Safety Use (1996) NO.423 issued by Labor Department, relevant regulations were made for chemicals safety use, production, storage, shipment, loading and unloading.

16. OTHER INFORMATION

Contact us:	**Technical Information Center (86-20)32219284**
Prepared by:	**Hunan Silok Silicone Co., Ltd.**

This information is offered in good faith as typical values and not as a product specification. No warranties, expressions or implications are hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review the recommendations in the specific context of the intended use and determine whether they are appropriate.