



MATERIAL SAFETY DATA SHEET

9239 (RTV Silicone)

One-Component

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name	9239 RTV Silicone Sealant
Use	Adhesive / Sealant
Manufacturer / Supplier	KOOTAI NEW MATERIALS TECHNOLOGY PVT. LTD.
Address	Industrial Plot No. 404, Udyog Kendra Ext.-II, Ecotech-III, Gautam Buddha Nagar, Greater Noida, Uttar Pradesh - 201306
Telephone Number	0120-4561693
Web	www.kootai.in

2. CHEMICAL COMPOSITIONS

Ingredient	Proportion	CAS NO.
Alumina	30-40%	1302-74-5
-Hydrogen- -hydroxy Polydimethylsiloxane	30-40%	31692-79-2
Dimethicone	5-10%	9016-00-6
Calcium Carbonate	10-20%	471-34-1

3. HAZARD IDENTIFICATION

3.1 Hazard information :	If inhaled ,it will be harmful. Avoid contacting with eyes and skin. Do not inhale smog when fire and/or explosion appears.
3.2 Routes of exposure:	Inhalation, Ingestion, Skin contact.
3.3 Health effects:	
3.3.1 Eyes:	Directly contacting may cause slightly irritation.
3.3.2 Skin:	Short time exposure won't cause severe influence, repeatedly contacting may cause irritation.
3.3.3 Inhalation:	Cause slightly irritation to the respiratory system, excessively inhalation of smog may cause sleeping.
3.3.4 Ingestion:	Ingestion will affects health.

4. FIRST AID MEASURES

4.1 Eyes:	Immediately flush with water for at least 15 minutes.
4.2 Skin:	First aid is not needed.
4.3 Inhalation:	Remove to fresh air firstly, if the symptoms persists, get medical attention.
4.4 Ingestion:	Get the medical attention.

5. FIRE FIGHTING MEASURES

5.1 Flammability:	Fire retardation.
5.2 Flash point:	Unsuitable.
5.3 Ignition Temperature:	No data.
5.4 Explosion Limitation:	No data.
5.5 Hazard characteristic:	None.
5.6 Extinguishing measures:	Dry chemical, Foam and CO ₂ fire extinguisher.



6. ACCIDENTAL RELEASE MEASURES

- 6.1 Attention to personal protection:** Avoid eye contact, avoid inhaling smog and keep the container sealed well.
- 6.2 Attention to environmental protection:** The entry into drainage system or water is prohibited.
- 6.3 Accidental release measures:** Close the leaking resources, do not contact the leaking material directly, sweep up with rag or other material and place in the container for disposal.

7. HANDLING AND STORAGE

- 7.1 Handling:** Wear protective equipment, equip with well ventilating appliances. Avoid eye contact ;avoid inhaling smog and keep the container sealed well. Satisfactory industrial hygiene should come into operation, please clean thoroughly after handling especially before eating and smoking.
- 7.2 Storage:** Take care, stay away from oxidability material. keep the container sealed well, avoid water or moisture.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

- 8.1 Engineering controls:** Provided with ventilated appliance or other methods below the criterion value. Ensure that eyewash equipment and safety showers are proximal to the work location.
- 8.2 The personal protective appliances for generally handling:** When ventilating appliance is not effective to decrease the concentration of smog in the work area, a standard respirator or gas mask should be used.
- 8.3 Eye protection:** Use suitable protection-the safety glasses is elementary requirement.
- 8.4 Hand protection:** Special protection is not needed.
- 8.5 Skin protection:** Cleaning thoroughly before lunch and off duty should be sufficient.
- 8.6 Personal hygiene measures:** Satisfactory industrial hygiene measures should come into operation, please cleaning after handling, espieccally before the eating or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES OF THE PRODUCT

9.1 Physical state:	Paste
9.2 Appearance status:	White
9.3 Odor:	No irritating smell
9.4 Physical form:	Viscous colloid
9.5 Flash point:	>300°C Closed cup test method
9.6 Boiling Point:	Undetermined
9.7 Autoignition Temperature:	This product is not self-igniting
9.8 Explosion limit:	Undetermined
9.9 Lower explosion limit:	Undetermined
9.10 Explosive:	This product does not pose a risk of explosion
9.11 Oxidizing properties :	Undetermined
9.12 Density:	1.55±0.1 g/ml
9.13 Solubility in water:	Insoluble or slightly soluble



10. CHEMICAL REACTIVE PROPERTY

10.1	Stability:	Stable.
10.2	Reactivity	
	Conditions should be avoided:	None.
	Incompatibility:	Can react with strong oxidizer, water, moisture can arise hazardous smog.
	Hazardous polymerization:	None.

11. TOXICOLOGICAL INFORMATION

11.1	Health effects:	Refer to paragraph 3.3
11.2	Sensitization:	Not known.
11.3	Mutagenicity:	Not known.
11.4	Carcinogenicity:	Not known.
11.5	Other health hazardous information:	No suitable data.

12. ECOLOGICAL INFORMATION

12.1	Ecotoxicity Aquatic toxicity:	No harmful effects.
12.2	Environmental effects and distribution:	Siloxanes are separated from water by deposition or binding to sewage sludge, and degrade in soil.
12.3	Biological accumulation:	No bioaccumulation capacity.
12.4	Effects on wastewater treatment plants:	More than 90% can be removed by binding to sewage sludge, no harmful effects on bacteria. The siloxanes in this product are not part of the BOD.
12.5	Further environmental supplementary information:	Degradability: Additional environmental information on siloxane compounds is available on request.

13. WASTE DISPOSAL

13.1	Product disposal methods:	Operated the product disposal according to the statute.
13.2	Package disposal methods:	Operated the product disposal according to the statute.

14. TRANSPORTATION INFORMATION

14.1	Road and railway transportation:	Not limited.
14.2	IMDG	Not belong to IMDG coding
14.3	IATA	Not belong to IATA regulate.

15. REGULATION INFORMATION

15.1	Statute available:	The dangerous substance and detrimental substance general regulation.
------	--------------------	---

16. OTHER INFORMATIONS

Liaison office:	KOOTAI NEW MATERIALS TECHNOLOGY PVT. LTD.
-----------------	---

