

MATERIAL SAFETY DATA SHEET

9239 (RTV Silicone)

One-Component

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

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| 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- -hydrowxy Polydimethylsiloxane | 30-40% | 31692-79-2 |
| Dimethicone | 5-10% | 9016-00-6 |
| Calcium Carbonate | 10-20% | 471-34-1 |

3. HAZARD IDENTIFICATION

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| 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

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| 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

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| 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, espiecially before the eating or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES OF THE PRODUCT

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| 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

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

11. TOXICOLOGICAL INFORMATION

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| 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

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| 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

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| 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

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| 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

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| 15.1 Statute available: | The dangerous substance and detrimental substance general regulation. |
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16. OTHER INFORMATIONS

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