

**MATERIAL SAFETY DATA SHEET****9238B (RTV Silicone)****One-Component****1. CHEMICAL PRODUCT AND COMPANY INFORMATION**

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| Product Name | 9238 RTV Silicone |
| 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 | Percentage | CAS NO. | Exposure Limits |
|---------------------|-------------------|----------------|------------------------|
| Base Glue | 50% | 63148-62-9 | NA |
| Filler | 40% | 471-34-1 | NA |
| Al(OH) ₃ | 5% | 21645-51-2 | NA |
| Curing agent | 3% | 1185-55-3 | NA |
| Catalyst | 1% | 68478-92-2 | NA |
| Coupling agent | 1% | 2768-02-7 | NA |

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: | |
| Eyes: | Directly contacting may cause slightly irritation. |
| Skin: | Short time exposure won't cause severe influence, repeatedly contacting may cause irritation. |
| Inhalation: | Cause slightly irritation to the respiratory system, excessively inhalation of smog may cause sleeping. |
| Ingestion: | Ingestion will affects health. |

4. FIRST AID MEASURES

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| 4.1 Eyes: | Immediately flush with water for at least 15minutes. |
| 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**
- Respiratory system protection:** 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.
- Eye protection:** Use suitable protection-the safety glasses is elementary requirement.
- Hand protection:** Special protection is not needed.
- Skin protection:** Cleaning thoroughly before lunch and off duty should be sufficient.
- 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

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| 9.1 Physical state: | Paste |
| 9.2 Color | White, Black, Gray |
| 9.3 Odor | Slight odor |
| 9.4 Specific gravity: | 1.53 |
| 9.5 PH value: | No data |
| 9.6 Boil: | No data |
| 9.7 Melting point | No data |
| 9.8 Flash point: | No data |
| 9.9 Ignition temperature: | No data |
| 9.10 Explosivity: | No |
| 9.11 Oxidability | No |
| 9.12 Vapour pressure (25°C): | No data |
| 9.13 Relative vapor pressure: | No data |
| 9.14 Viscosity: | 210,000 |
| 9.15 Molecular weight: | Unevaluated |



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 arise 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: | Not suitable. |
| 12.2 Biodegradable: | Not suitable. |
| 12.3 Bio-accumulation: | No bio-accumulation. |

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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