



## MATERIAL SAFETY DATA SHEET

## 9210T (Thermal Adhesive)

### One-Component

#### 1. CHEMICAL PRODUCT AND COMPANY INFORMATIONS

Product Name	9210T Thermal Adhesive
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) <sub>3</sub>	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

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

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

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 Chemicals, Foam and CO <sub>2</sub> 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.
- Eyes 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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|--------------------------------------|--------------------|
| <b>9.1 Physical state:</b>           | Paste              |
| <b>9.2 Color</b>                     | White, Black, Gray |
| <b>9.3 Odor</b>                      | Slight odor        |
| <b>9.4 Specific gravity:</b>         | 2.20               |
| <b>9.5 PH value:</b>                 | No data            |
| <b>9.6 Boil:</b>                     | No data            |
| <b>9.7 Melting point</b>             | No data            |
| <b>9.8 Flash point:</b>              | No data            |
| <b>9.9 Ignition temperature:</b>     | No data            |
| <b>9.10 Explosivity:</b>             | No                 |
| <b>9.11 Oxidability</b>              | No                 |
| <b>9.12 Vapour pressure (25°C):</b>  | No data            |
| <b>9.13 Relative vapor pressure:</b> | No data            |
| <b>9.14 Viscosity:</b>               | 210,000            |
| <b>9.15 Molecular weight:</b>        | Unevaluated        |



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

**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.
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**16. OTHER INFORMATIONS**

Liaison office:	KOOTAI NEW MATERIALS TECHNOLOGY PVT. LTD.
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