

Material Safety Data Sheet

ADROSEAL MS 50 PLUS

1. Identification of the substance/preparation and the company

Product Name: ADROSEAL MS 50 PLUS

Applications: Bonding bonding and joint sealing

Manufacturer Details:

ADROIT ENDÜSTRİYEL YAPIŞTIRICI VE KİMYA A.Ş.

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2. Composition /information on ingredients

CAS #	Component	Percentage
471-34-1	Calcium carbonate	30-60
/	Silyl-terminated polyurethane	/

3. Hazards identification

Emergency Overview: This product may cause eye and skin irritation.

Eye Contact: This product may cause irritation to the eyes. Rubbing may cause abrasion of cornea. Vapors may also produce eye irritation.

Skin Contact: Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.

Ingestion: Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

Inhalation: Inhalation of vapors or mists of the product may be irritating to the respiratory system.

Medical Conditions Aggravated by Exposure: Pre-existing eye, skin and respiratory disorders.

4. First-aid measures

Eye Contact: Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.

Skin Contact: For skin contact, wash immediately with soap and water. If irritation persists, get medical attention.

Ingestion: If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

Inhalation: If gas/fume/vapor/dust/mist from the material is inhaled, remove the affected person immediately to fresh air.

First Aid (Notes to Physician): Provide general supportive measures and treat symptomatically.

5. Fire-fighting measures

Flash Point: >93 °C

Fire extinguishing agent: water, foam, dry powder, carbon dioxide.

Special fire-fighting measures: prevent inhalation of smoke. Wear positive pressure self-contained breathing apparatus. Water spray can reduce the density of smoke.

Hazardous combustion products: carbon and oxygen compounds.

Flammability limit: No data.

6. Accidental release measures

Containment Procedures: Stop the flow of material, if this is without risk. Wear appropriate protective equipment and clothing during cleanup. Do not allow product to enter sewer or waterways. Remove sources of ignition.

Clean-Up Procedures: Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of collected material according to regulation.

7. Handling and storage

Handling Procedures: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing fumes if this product is used at high temperatures. Use this product with adequate ventilation. Do not take internally. For industrial use only.

Storage Procedures: Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Do not pressurize, cut, heat or weld containers. Empty product containers may contain product residue. Do not reuse empty containers. Store between 50 and 80 °F.

8. Exposure controls /Personal protection

Ventilation: It is recommended to use conventional mechanical ventilation.

Occupational exposure limit

Calcium carbonate:

China: TWA 10 mg/m³;

United States: ACGIH: TWA 10 mg/m³.

Eye protection: chemical-proof glasses or safety glasses.

Glove requirements: rubber or plastic gloves.

Respirator requirements: Use a certified respirator when necessary.

9. Physical and chemical properties

Properties: black, white, gray homogeneous paste-like colloid.

Boiling point: >100° C.

Solubility: insoluble in water, soluble in aromatic solvents.

Relative density (water = 1): > 1

Vapor density: no data

10. Stability and reactivity

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Avoid excessive heat and ignition sources.

Incompatibility: This product may react with strong acids or oxidizing agents.

Decomposition Products: Carbon monoxide, carbon dioxide and low molecular weight hydrocarbons are the products of decomposition.

Hazardous Polymerization: Will not occur.

11. Toxicological information

Acute toxicity:

Calcium carbonate:

Rat oral LD50:≈6450 mg/kg; dust.

12. Ecological information

No Data

13. Disposal considerations

Disposal Instructions: Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

14. Transport information

Non-dangerous goods.

15. Regulatory information

Relevant regulations Products and their components

State Environmental Protection Administration: All components of China's current chemical inventory have been listed

State Administration of Work Safety, etc.: Catalogue of highly toxic chemicals (2002 version) not listed

State Administration of Work Safety: List of Hazardous Chemicals (2002 Edition) This product is not listed

Identification of major hazards (GB18218-2000) This product is not listed

State Environmental Protection Administration, etc.: National Hazardous Waste List (1998) Organic resin waste (HW13)

Ministry of Health: Catalogue of Highly Toxic Substances (2003 Edition) Not included

16. Other information

The information presented herein is believed to be factual as it has been derived from the works and opinions

of persons believed to be qualified experts; however, nothing contained in this information is to be taken as a warranty or representation for which Adroit bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.

ADROIT SDS EU

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