

MATERIAL SAFETY DATA SHEET

1. Chemical Product and Identification of Company

Product name : ARACONE AT

Product category: Non Shrink Grout

Company : Redwop Chemicals Pvt. Ltd.

Address : 2nd Floor, Pearl Plaza Complex, B/S GT Sheth School, Near KKV Hall, 150ft Ring Road, Rajkot- Pin.360005 Gujarat, INDIA

E: sales@redwop.net

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: info@redwop.net

Ph.:+91 2812576664

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2. Composition or Information on Ingredient

Composition: Cement based compounds

None of the ingredients of this product are classified as hazardous.

- All constituents of this product are listed in **EINECS** (European Inventory of Existing Commercial Chemical Substances) or **ELINCS** (European List of New Chemical Substances) or are exempt. Refer to Section 8 for Occupational Exposure Limits.

3. Hazards Identification

No significant hazard

4. First Aid Measures

Eyes : Irrigate immediately with copious quantities of water for several minutes. Obtain Medical attention if irritation persists.

Skin : Wash thoroughly with soap and water or suitable skin cleanser as soon as possible.

Inhalation: Remove from exposure - unlikely to occur.

Ingestion: Wash out mouth with water. Do not induce vomiting. Obtain medical attention

5. Fire Fighting Measures

Special exposure hazards –None

Special exposure equipment-None

6. Accidental Release Measure

Personal Precautions : Wear suitable protective clothing, gloves and eye/face protection.

Environmental Precautions : Prevent entry into drains, sewers and water courses. Dispose properly.

Decontamination Procedures: Soak up with inert absorbent or contain and remove by best available means. Dispose of as waste.

7. Handling and Storage

Handling : Avoid skin and eye contact.

Storage : Protect from frost. Store away from acids.

Engineering Control Measures: No specific ventilation requirement.

REDWOP CHEMICALS PVT. LTD.

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8. Exposure Controls or Personal Protection

Occupational Exposure Limits : None assigned

Personal Protective Equipment: Impervious gloves (e.g. PVC), Safety glasses / Goggles. Change contaminated clothing and clean before use.

9. Physical and Chemical Properties

Properties	Result
Appearance	Grey colored powder
Density	2200 to 2250 Kg/m ³
PH value	7 to 8
Compressive strength @ W/P 0.16 (BS 1881: part 116 1983)	>40 N/mm ² @ 1 days >70 N/mm ² @ 7 days >80 N/mm ² @ 28 days
Tensile strength	>3.5N/mm ² @ 28 days
Flexural strength (BS 4551, 1998)	>10 N/mm ² @ 28 days
Coefficient of thermal expansion	11 x 10 ⁻⁶ / °C
Time for expansion	Start: 20 minutes Finish: 120 minutes
Pullout bond strength (W/P - 0.18)	>20 N/mm ² @ 7 days >35 N/mm ² @ 28 days
Young's modulus (ASTM 469 - 94)	28 kN/mm ²
Pressure to restrain plastic expansion	0.004 N/mm ² approx.

Note: All these lab testing is carried under room temperature only.

10. Stability and Reactivity

Stability : Stable

Conditions to avoid : Temperatures (°C) below 0°C

Materials to avoid : Strong oxidizing agents, Strong acids & Strong alkalis.

Hazardous decomposition products : None.

11. Toxicological Information

There will be no any health problem on exposure to this admixture but care should be taken while handling it. It has no any toxicological characteristic.

12. Ecological Information

Environmental Assessment: This product avoid any type of environmental deterioration.

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13 Disposal Consideration

Disposal must be in accordance with local and national legislation.

Unused Product : Dispose of through an authorized waste contractor to a licensed site.

Used/Contaminated Product: Dispose according to rules

14. Transportation

The product is safe to transport from one place to other as it is supplied in safe and eco-friendly containers.

15. Regulatory Information

Safety Phrases: Avoid contact with skin and eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16. Other Information

This material safety data sheet is made in accordance with product's characters. It has no any changes in safety and hazards information mentioned above as our product knowledge.

Disclaimer:

We, Redwop Chemical Pvt. Ltd. hereby declare that the information provided in this data sheet are true and correct to the best of our knowledge. The material safety data sheet is made available by Redwop Chemical Pvt. Ltd. to give general information and understanding of the safety and health hazards during the use of this product.