

SUNEPOXY 368

Low Viscosity Epoxy Resins : Injection Type

DESCRIPTION

SUNEPOXY 368 is a very low viscosity epoxy injection grout material.

ADVANTAGES:

1. Use of cement grout may not be efficient due to high shrinkage, low bond and tensile strength. Hence, very low viscosity epoxy injection grout often solves the problem and provides structural integrity.
2. High bond strength, good tensile strength, low viscosity and early curing.

COMPARISON

Property	ASTM Type I Epoxy	Sunepoxy 368
Viscosity	max. 2000 centipoise	400-500 centipoise
Gel time	30 minutes	45-60 minutes
Bond Strength	min 1000 psi	2500 Psi
Compressive Strength (7 days)	min 8000 psi	10000 Psi
Tensile strength (7 days)	min 5000 psi	6000 Psi

MIXING

- **SUNEPOXY 368** has a 3:1 resin:hardener volume based ratio.
- Mix one batch at a time using a bucket and drill connected to a stirrer.
- Half-way through mixing, stop and scrape the mixing paddle, sides and bottom of the bucket or transfer the contents to another bucket and continue the mixing. Mix injection resin for 3 minutes.
- Do not over mix with high-speed drill, this can generate excessive heat.

DIRECTIONS FOR USE:

1. Remove loose, disintegrated and porous concrete at cracks and joints and repair the same either with epoxy mortar or polymer modified mortar. Drill injection holes to a depth of 2 - 4 inches. The distance of injection points depends upon width of the cracks, extent of damage and dimensions of structural elements. Fix the nipples and clean all the loose dust particles from the cracks and holes by blowing compressed air through all the nipples in succession. Inject the mixture of epoxy resin and hardener by suitable pump at pressure of 50-100 psi.

COVERAGE

5 to 6 sq mtr per litre on a fairly smooth surface when applied by spray mixed with cement. 6 to 6.5 sqm per litre on a fairly smooth surface when applied by spray directly.

PACKING

1, 5, 20 ltrs HDPE containers.

SHELF LIFE:

6 months when stored in closed, sealed containers in a cool and dry place.

HAZARDS IDENTIFICATION

Health hazards: No particular hazard known. If the product spills on to the skin and dries up, some irritation may occur.

FIRST AID MEASURES

Skin contact: Immediately wash thoroughly with soap and water.

Inhalation: Remove to open air. Seek medical attention.

Contact with eyes: Immediately wash under running water with eyelids open for at least 15 minutes. Seek medical attention.

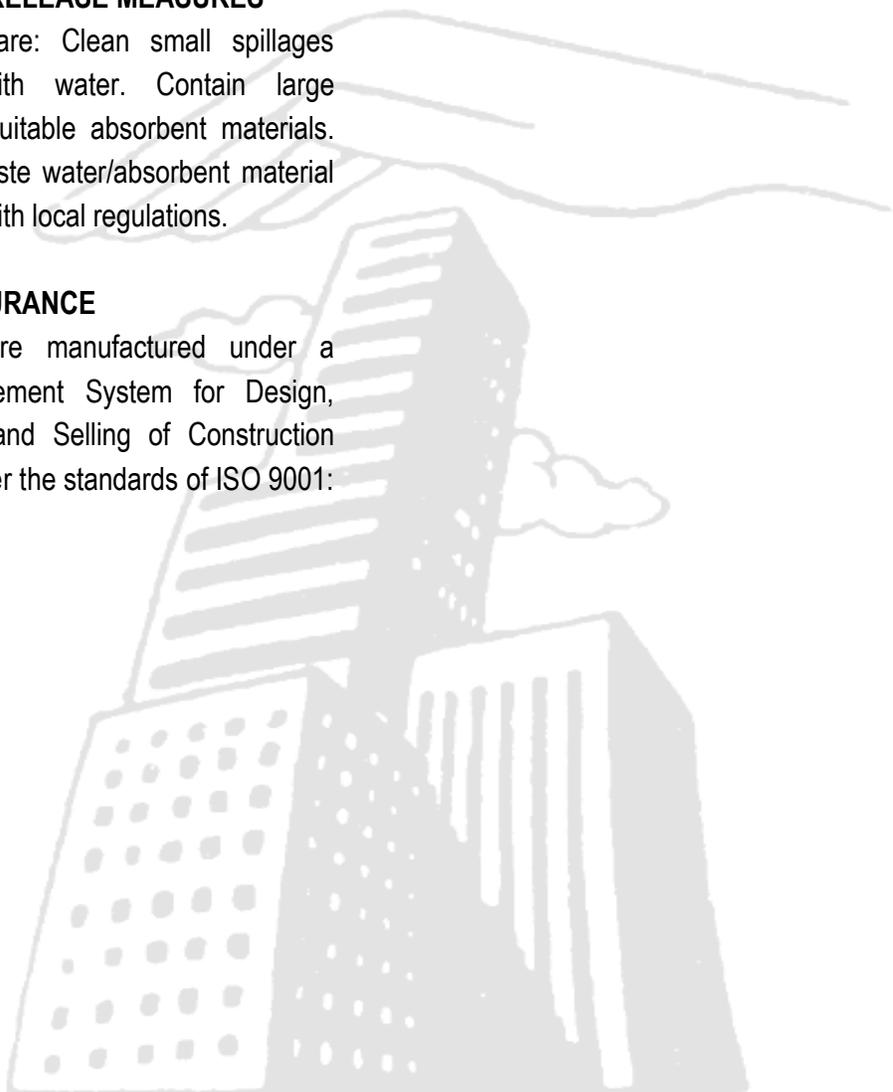
Ingestion: Rinse mouth thoroughly and drink plenty of water. Seek medical attention.

ACCIDENTAL RELEASE MEASURES

Environment Care: Clean small spillages immediately with water. Contain large spillages with suitable absorbent materials. Dispose the waste water/absorbent material in accordance with local regulations.

QUALITY ASSURANCE

All products are manufactured under a Quality Management System for Design, Manufacturing and Selling of Construction Chemicals as per the standards of ISO 9001: 2000.



DISCLAIMER

This information is accurate and reliable to the best of the knowledge. It is meant as a guideline only. Sunanda Speciality Coatings Pvt. Ltd. (SSCPL) cannot give any guarantees under any circumstances for the results, or assume any obligation or liability in connection with the use of this information. It is recommended that the product be tested to determine its suitability for specific applications. Since, SSCPL has no control over how others may use its products; it is recommended that the Specifier, Architect, Engineer, Contractor and Owner assume all the responsibilities in connection therewith.