

POLYTANCRETE IWL

Integral Waterproofing Liquid Admixture for Mortar and Concrete

DESCRIPTION

POLYTANCRETE -IWL is specially formulated admixture, based on organic polymer with other chemicals. It is supplied as light brown colored liquid, dispersible in water. It reacts with water soluble compounds, present in concrete / mortar and converts into insoluble, stable silicates and forms internal barrier against water penetration.

CONFORMANCE

Confirms to IS: 2645-1975. Specifications for integral cement waterproofing compounds.

SALIENT FEATURES

1. Reduces water permeability of concrete/ mortar upto 60%.
2. Improves workability and makes concrete/mortar dense and impermeable.
3. Minimises porosity & capillary action.
4. Reduces upto 10% water with beneficial effect on the structure and strength.
5. Reduces vapor transmission through walls and slabs.

USES

To make waterproof concrete/mortar used in

1. External Plastering.
2. Roof slabs and screeds.
3. Foundations walls, floors.
4. Terraces, bathroom walls / floors.
5. Tanks, reservoirs
6. Water tanks, basements, swimming pools etc.

INSTRUCTIONS FOR USE

POLYTANCRETE -IWL is added to gauging water of concrete / mortar mix at a rate of 200 ml per 50 kg bag of cement. **It should not be added directly to cement.** For further assistance, please contact our **CONCRETE MATERIAL CONSULTANCY DIVISION (CMCD).**

PHYSICAL AND CHEMICAL PROPERTIES

1. Appearance : Light brown colored liquid.
2. pH : 11 to 13
3. Sp. Gr. : 1.05 ± 0.02 @ 30° C
4. Chlorides : Less than 0.05 %.

COMPATIBILITY

Compatible with all types of cement It is also compatible with other **SUNANDA'S CONCRETE ADMIXTURES**, but should be added separately to the mix.

PACKING

1, 5, 20, 200 ltrs. HDPE containers

STORAGE AND SHELF LIFE

It has a shelf life of 12 months when stored in a cool, dry place in original sealed packing.

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.

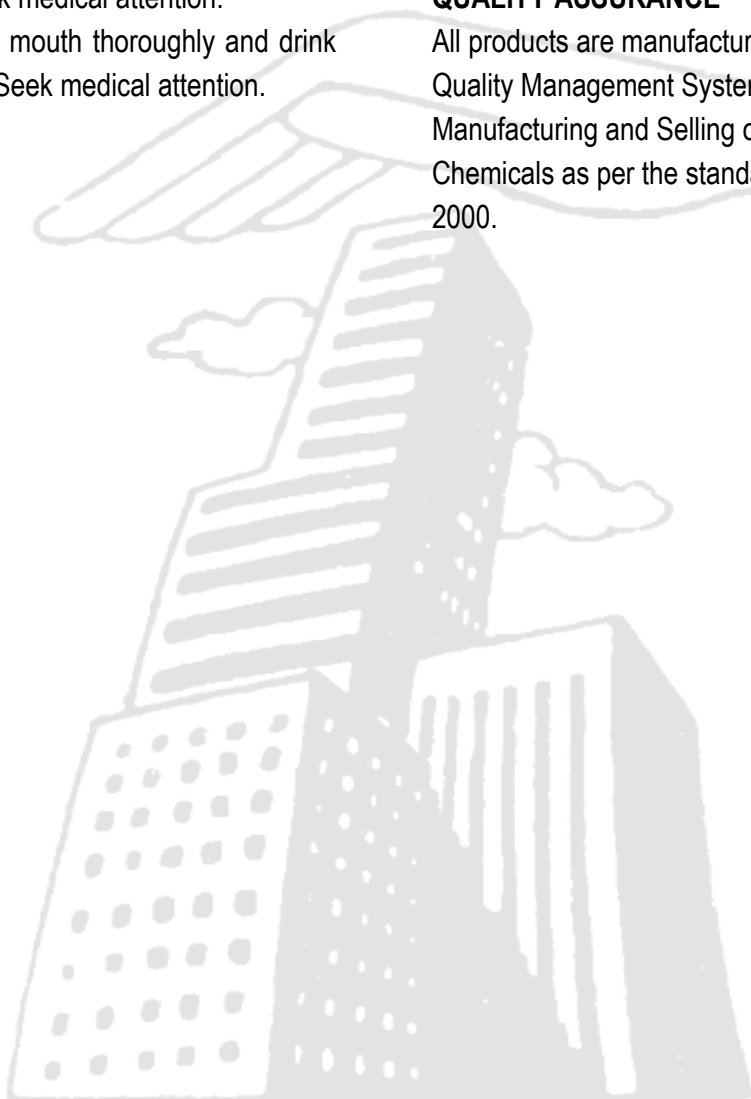
Ingestion: Rinse mouth thoroughly and drink plenty of water. Seek medical attention.

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.