



# DATA SHEETS

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# 1. TECHNICAL DATA

## 1.1 DESCRIPTION

*iTe SLURRY® is a premixed single component product designed to promote bonding between LEVELiTe® and very smooth substrates.*

*iTe SLURRY® is an essential keying agent in the application of LEVELiTe® over VAPORiTe®+PLUS, as well as over ceramic / porcelain tiles, epoxy coatings and smooth surfaces.*

*iTe SLURRY® is water based and contains no VOCs which fully complies with the GBCSA's requirements.*

## 1.2 COVERAGE

*iTe SLURRY® is applied with a lamb's wool roller at a rate of approximately 5.8m<sup>2</sup>/kg, when applied over VAPORiTe®+PLUS. This yield may vary if applied over surfaces other than VAPORiTe®+PLUS.*

## 1.3 PREPARATION

*Before application of iTe SLURRY® over VAPORiTe®+PLUS the surface must be fully cured, free of any loose particles and dust. The surface must be thoroughly swept or vacuumed prior to the application.*

*Before the application of iTe SLURRY® over surfaces other than VAPORiTe®+PLUS, they must be free of any loose particles and dust. The surface must be thoroughly swept or vacuumed prior to the application.*

*Ensure that the tiles are firmly bonded, with no loose or hollow spots, or in the case of coatings, that they are well bonded and no signs of blistering, bubbles or delamination are evident.*

## 1.4 APPLICATION

*iTe SLURRY® must not be applied to surfaces where both surface and ambient temperatures are below 5°C. Stir the contents of the iTe SLURRY® bucket with an electric paddle mixer for 2 minutes. Apply a thin coat onto the surface by means of a lamb's wool roller. Allow to dry before applying LEVELiTe® to the iTe SLURRY® surface as per our instructions as set out in the relevant data sheets. Should VAPORiTe®+PLUS form part of the system, ensure it is fully cured before iTe SLURRY® is applied.*

## 1.5 DRYING TIME

*Depending on atmospheric conditions, iTe SLURRY® dries in approximately 30 to 45 minutes. Test the dryness by scratching the iTe SLURRY®. No iTe SLURRY® should come off. It is imperative not to proceed with the application of LEVELiTe® over the iTe SLURRY® before it is fully dried.*

## 1.6 CLEANING

*Tools, equipment and soiled surfaces must be washed with water and a mild detergent immediately after use.*

## 1.7 EXPOSURE CONTROLS & PERSONAL PROTECTION EQUIPMENT:

*See section 2.8 in the Material Safety Data Sheet that follows.*

## 1.8 SHELF LIFE:

*iTe SLURRY® must be stored in a cool dry place.*

*iTe SLURRY® must be stored between 5°C and 30°C, and protected from frost, direct sunlight, and the elements.*

*iTe SLURRY® will last for 12 months unopened.*

## 2. MATERIAL SAFETY DATA

### 2.1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Name of substance/preparation:

Commercial product name:.....**iTe SLURRY**®

#### 2.1.1 USE OF SUBSTANCE / PREPARATION

Industrial/Commercial/Residential.

Used for: Keying promoter for self-leveling compound applications over moisture barriers.

All other areas of application to be agreed with the Application Engineering/Technical Marketing Department of the manufacturer.

#### 2.1.2 COMPANY NAME

Manufacturer/distributor:.....iTe Products (Pty) Ltd

Street:.....7 Clarke Street South

State/postal code/city:.....Alrode, 1451

Telephone:.....+27 11 864 4918

Telefax:.....+27 11 864 2123

Information about the Safety Data Sheet:.....+27 11 864 4918

eMail:.....info@iteproducts.co.za

### 2.2 HAZARDS IDENTIFICATION

HAZCHEM CODE: 2Z-NON HAZARDOUS

#### 2.2.1 CLASSIFICATION

This product is not a dangerous preparation within the meaning of Directive 1999/45/EC

R-Phrase Description – Nil

This product is not classified as dangerous according to EC Directive 88/379/EEC and subsequent adaptations (CHIP 2 Regulations in the UK).

#### 2.2.2 LABELLING

Labelling (67/548/45/EC):

R-Phrase Description – Nil

S-Phrase Description—Nil

#### 2.2.3 FURTHER HAZARDS TO HUMAN AND ENVIRONMENT:

The product does not have any further hazards

### 2.3 COMPOSITION/INFORMATION ON INGREDIENTS

#### 2.3.1 CHEMICAL CHARACTERIZATION:

Mixture

#### 2.3.2 DESCRIPTION:

Copolymer of acrylic acid ester +styrene (dispersion in water)

EC-No. CAS No. Material Content % Warning Label

9043-30-5 Alpha-i-tridecyl-omega-hydr0xypolyglycolether <3 Xn R22-41

## **2.4 FIRST-AID MEASURES**

*General information - Under ordinary workplace conditions no special measures required.*

### **2.4.1 INHALATION OF VAPOUR**

*No special measures required.*

### **2.4.2 AFTER CONTACT WITH THE SKIN**

*Wash with plenty of water and soap. In case of continuous irritation seek medical advice.*

*Remove soiled clothing*

### **2.4.3 AFTER CONTACT WITH THE EYES**

*Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.*

### **2.4.4 AFTER SWALLOWING**

*Seek immediate medical attention.*

## **2.5 FIRE-FIGHTING MEASURES**

*The product is an aqueous dispersion and is not combustible. Dried up material is combustible.*

## **2.6 ACCIDENTAL RELEASE MEASURES**

### **2.6.1 PERSONAL PRECAUTIONS**

*Wear personal protective equipment. Be aware of slippage.*

### **2.6.2 ENVIRONMENTAL PRECAUTIONS**

*Do not allow to enter into sewer, drainage or potable water systems*

### **2.6.3 METHODS FOR CLEANING UP**

*Large spillages should be contained and pumped into a receiving vessel.*

*Small spillages should be absorbed on an inert absorbent (sand, sawdust, diatomite)*

### **2.6.4 FURTHER INFORMATION:**

*Observe notes under section 7 with regards to safe handling*

*Observe section 8 for information on personal protective equipment.*

*For disposal methods refer to section 13.*

## **2.7 HANDLING AND STORAGE**

### **2.7.1 HANDLING**

*No special precautions needed with normal housekeeping. Spilled substance increases the risk of slipping*

### **2.7.2 STORAGE**

*Conditions for storage rooms and vessels:*

*Protect from frost and direct sunlight.*

## **2.8 EXPOSURE CONTROLS AND PERSONAL PROTECTION EQUIPMENT**

### **2.8.1 EXPOSURE LIMITS**

*Not applicable*

### **2.8.2 EXPOSURE CONTROLS**

*Do not eat or drink when handling.*

*Personal protection equipment*

*Respiratory protection*

*Not required*

*Hand protection*

*For frequent contact, wear impermeable gloves*

*Eye protection*

*Goggles, face visor or safety glasses is recommended.*

*Skin protection*

*Not required.*

### **2.8.3 EXPOSURE TO THE ENVIRONMENT LIMITED AND CONTROLLED**

*Prevent material from entering surface waters and soil.*

## **2.9 PHYSICAL AND CHEMICAL PROPERTIES**

### **2.9.1 GENERAL INFORMATION**

*Physical state / form.....: milky white liquid*

*Odour .....: slight*

*pH..... : 7.5—8.5*

*Boiling Point.....: Approx 100°C*

*Melting .....: Approx 0°C*

*Flashpoint.....: Not Applicable*

*Flammability .....: "*

*Auto-flammability.....: "*

*Explosion Hazard.....: "*

*Oxidising Properties .....: "*

*Vapour Pressure .....: Approx 23 hPa at 20°C*

*Relative density.....: Approx 1.5gm/cm<sup>3</sup>*

*Solubility in water.....: moderately soluble*

*Viscosity (dynamic): 6000—12000mPa.s at 23°C (Brookfield, spindle 5/20 rpm)*

## **2.10 STABILITY AND REACTIVITY**

### **2.10.1 GENERAL INFORMATION:**

*The product is stable if stored and handled in accordance with standard industrial practices.*

## **2.11 TOXICOLOGICAL INFORMATION**

### **2.11.1 GENERAL INFORMATION:**

*Long term experience of this product type indicates no danger to health when properly handled under industrial conditions, and acute toxicity effects are not expected after a single oral exposure.*

## **2.12 TOXICOLOGICAL INFORMATION**

### **2.12.1 GENERAL INFORMATION:**

*Long term experience of this product type indicates no danger to health when properly handled under industrial conditions, and acute toxicity effects are not expected after a single oral exposure.*

## **2.13 ECOLOGICAL INFORMATION**

### **2.13.1 ECOTOXICITY**

*The product is not classified as dangerous to the environment according to EC directive 93/21/EEC.*

*Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition):*

*According to current knowledge adverse effects on water purification plants are not expected.*

## **2.14 DISPOSAL CONSIDERATIONS**

### **2.14.1 MATERIAL**

*The product and waste water containing product should not be discharged directly into drains and waterways without treatment. The polymer content may be separated in a suitable coagulation and purification plant. Details available on request.*

*Disposal of the product, solid waste and packaging should be in accordance with local, state or national legislation and undertaken by an authorized contractor.*

## **2.15 TRANSPORT INFORMATION**

*The product is not classified as hazardous according to International Transport Regulations*

## **2.16 REGULATORY INFORMATION**

*The product is not classified as Dangerous according to EC Directive 88/379/EEC (including subsequent amendments) and requires no special labelling*

## **2.17 OTHER INFORMATION**

### **2.17.1 MATERIAL**

*This Material Safety Data Sheet conforms to EC Directive 91/155 EEC and 93/112EC. The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.*

## **2.18 FURTHER INFORMATION:**

*Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version. This version supersedes all previous versions.*

## **3. THEORETICAL (VOC) CONTENT**

### **3.1 PRODUCT:**

*iTe SLURRY*<sup>®</sup> Keying Promoter

### **3.2 ABBREVIATIONS**

S.G. = Specific Gravity

g/ml = grams/millilitre

g/l = grams/litre

### **3.3 FORMULAS**

Sum of VOC's in Sealer/Primer formulation = VOC %

$VOC (g/l) = VOC \% \times S.G. \times 10$

**3.4 S.G. (g/ml) = 1.00g/ml**

**3.5 VOC % = 0%**

**3.6 VOC (g/l) = 0 x 1.00 x 10 = 0g/l**

Maximum VOC content (Specified by Green Building Council of South Africa): 50g/l

## 4. SHORT REPORT VOC

01 March 2018

### **Short Report: Product iTeSLURRY® Keying Promoter**

iTe Products **iTe SLURRY**® Keying Promoter meets the Green Building Council of South Africa's credit criteria for the following reasons:

Maximum VOC allowable (gms/litre)	50g/l
<b>iTe SLURRY</b> ®	0g/l

*This is based on the fact that the product contains no organic solvents.*

*I declare the above information to be correct*

Signed:



Peter Funke





## 5. VOC CONFIRMATION NOTICE

01 March 2018

To: All interested Parties

Dear Sir/Madam,

**Re: GBCSA requirements for VOC levels in flooring adhesives, sealers and primers**

We hereby confirm that **iTe SLURRY®** Keying Promoter as manufactured by **iTe Products (Pty) Ltd** complies with the GBCSA requirements in respect of permissible VOC levels in flooring adhesives, sealers and primers.

The attached Short Report, VOC Datasheet and this signed letter provides the necessary supporting documentation required as per page 107 of the GBCSA Technical Manual.

The Flooring Contractor must provide written confirmation that **LEVELiTe F10, F30 or F50** is to be used in the installation of the floor covering.

Should there be any questions or queries, please contact the writer at 082 772 9137 or via e-mail at [sales@iteproducts.co.za](mailto:sales@iteproducts.co.za)

Yours faithfully,

A handwritten signature in black ink, appearing to read 'Peter Funke'.

Peter Funke



## 6. WARRANTY

*iTe SLURRY® is guaranteed to be free of manufacturing defect. iTe PRODUCTS® further warrants that if iTe SLURRY® is applied in accordance with the relevant method statement issued for the specific project, by an approved applicator, the system is guaranteed for the life of the floor covering.*