



better products  
cleaner environment

## **S.I. PRIME** **SILICONE IMPREGNATOR PRIME**

### **(1) Characteristics**

**S.I. PRIME** is used to impart both oil and water repellency to inorganic surfaces, such as mineral building materials. Effective on marble, granite, and other porous stones. Oil, grease, paint etc are easier to remove from surfaces that have been treated with the impregnator.

### **(2) Applications**

- Easy care treatment of floors made of natural or synthetic stone, and of unglazed ceramic tiles.
- Preventing staining of windowsills and tabletops made of natural or synthetic stone, and of fibre cement.
- Easier removal of graffiti, posters etc from monuments or external and internal walls made of natural or synthetic stone, concrete, or fibre cement.
- Water, oil and dirt repellency of low porosity natural stone, e.g. marble, travertine and granite.

### **(3) Storage Stability**

This has a shelf life of at least 12 months if stored in tightly closed original containers between 0 to 30°C. The containers must be protected against sunlight. If the material has exceeded its shelf life, a quality check can be performed before deciding to re-use the product.

### **(4) Product Data**

Appearance: Colourless to slightly yellowish liquid.

Density @ 25 °C: 0.79 +/- 0.01 g/cm<sup>3</sup>

Flash Point: ~ 30 ° C

### **(5) Directions for Use**

- Area to be impregnated should be totally free of any wax coatings, topical sealers, and dirt and should be totally dry (usually 8 - 24hours from cleaning) before applying the impregnator.
- Adjacent areas that may be sensitive to solvents should be protected. Once the area has been cleaned and adjacent areas protected, apply **S.I. PRIME** as-it-is using a sprayer, roller, or brush. Allow 10 minutes for penetration and apply a second application (wet on wet).
- 10 - 20 minutes after second application or before surface drying, remove all excess material from the surface. No material should remain on the surface.
- Treated area may be opened to foot traffic approximately 1 hour after application, but allow 24 - 48 hours for full cure before applying other maintenance product.
- Coverage: 100 to 200 ft<sup>2</sup>/lt

**Note:** Should **S.I. PRIME** dry onto the surface, apply more **S.I. PRIME** to loosen the material for removal. Always test in inconspicuous area prior to use.

### **(6) Additional Notes**

Comparison to Water Base-

- Better and faster penetration of solution into the surface.
- Shorter time for total development of repellency properties.
- Longer shelf life of product.
- Do not require immediate re-treatment after cleaning off hard to remove soil (oil, grease, paint etc).

SKC605

**KLENCO (SINGAPORE) PTE LTD**

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**KLENCO** products are used in over 20 countries across Asia, the Middle East, Europe and Africa

# SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION							
<b>Product Identifier:</b> S.I. PRIME		<b>Supplier:</b> Klenco (Singapore) Pte Ltd. <b>Address:</b> 18 Gul Crescent, Singapore 629527 <b>Department:</b> Chemical <b>Person in Charge:</b> Chemist <b>Phone:</b> (65) 6862 3388 <b>Fax:</b> (65) 6861 7575 <b>Email:</b> info@klenco-asia.com <b>Emergency contact:</b> (65) 6862 3388 Ext 249					
<b>Other means of identification:</b> Silicone Impregnator Prime <b>Date of SDS:</b> 01 January 2026 <b>Recommended use and restriction on use:</b> Effective on marble, granite and other porous stones.							
SECTION 2 - HAZARDS IDENTIFICATION							
<b>GHS classification:</b> Flammable liquid: Category 3; Acute toxicity: Category 4 Skin/Eyes irritation: Category 2							
<b>GHS label elements:</b> Pictogram:		Signal Words:		Warning			
 							
<b>Hazard statements:</b> H226: Flammable liquid. H320: Causes eye irritation. <b>Precaution statements:</b> P102: Keep out of reach of children. P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking. P262: Do not get in eyes.							
SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS							
Chemical Identification	Component & Composition	Chemical Formula	CAS NO.	EC NO.			
Solvent White Spirit	> 80.0 %	NA	64475-85-0	232-455-8			
Trimethoxy (2,4,4-Trimethyl Pentyl) Silane	< 20.0 %	C <sub>11</sub> H <sub>26</sub> O <sub>3</sub> Si	34396-03-7	251995-5			
SECTION 4 – FIRST AID MEASURES							
<b>Inhalation:</b> Move to area of fresh air. If breathing has stopped, artificial respiration should be started. Oxygen may be administered if available. Call a physician. Never give anything by mouth to an unconscious person.							
<b>Skin contact:</b> Wash with large amounts of soap and water. If irritation persists, consult a physician.							
<b>Eye contact:</b> Flush with cool water for at least 15 minutes. Then consult a physician immediately.							
<b>Ingestion:</b> Do not induce vomiting. Dilute by drinking water. Call a physician immediately.							
<b>Notes to Physicians:</b> Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.							
SECTION 5 – FIRE-FIGHTING MEASURES							
<b>Suitable fire-extinguishing media:</b> Dry chemical, carbon dioxide and foam.							
<b>Specific hazards arising from the chemical:</b> Burning can produce carbon dioxide and/or carbon monoxide.							
<b>Special protective actions for fire fighters:</b> Fire fighters may be exposed to the products of combustion should wear a self-contained breathing apparatus with full protective equipment.							
SECTION 6 - ACCIDENTAL RELEASE MEASURE							
<b>Personal precautions, protective equipment, and emergency measures:</b> Use proper protective equipment (chemical protection suit, gloves, goggles, mask, etc).							
<b>Environmental precautions:</b> Chemical substance should not be released into the environment (water, soil).							
<b>Methods and materials for containment and cleaning up:</b> Stop spill at source. Eliminate all sources of ignition. Contain material, as necessary, with dike or barrier. Mop, shovel or absorb with inert material and place in sound containers. Rinse remaining residue with excess water. Cover spills with absorbent clay, sawdust or inert material and place in closed chemical waste containers. Dispose according to applicable local, state and federal regulations.							
SECTION 7 - HANDLING AND STORAGE							
<b>Precaution for safe handling:</b> Wash thoroughly after handling, especially before eating and drinking. Wash contaminated goggles, face-shield, and gloves. Launder contaminated clothing before re-use.							
<b>Conditions for safe storage, including any incompatibilities:</b> Flammable material. Store in cool, dry, well-ventilated area at room temperature away from any possible source of ignition. Do not re-use empty container for food, clothing or products for human or animal consumption or where skin contact can occur.							
SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION							
<b>Control parameters/ Occupational exposure limits:</b> ACGIH - TLV: Provide suitable personal protective equipment and/or ventilation to reduce exposure levels.							
<b>Appropriate engineering control measures:</b> Normally ventilation is not required.							
<b>Personal Protection:</b> Normally not required. Use safety glasses/goggles if splashing anticipated.							

<b>SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES</b>		
<b>Appearance &amp; Odour:</b>	Colourless to slight yellowish liquid.	
<b>Solubility in water:</b>	Insoluble	
<b>Boiling Point:</b>	> 100 ° C	
<b>Specific Gravity:</b>	0.79 +/- 0.01 g/cm <sup>3</sup>	
<b>pH:</b>	N.A	
<b>Flash Point (T.C.C.):</b>	~ 34.0 ° C	<b>Flammable Limits - Upper:</b> ~ 6.5% <b>Lower:</b> ~ 0.7 %
<b>Vapour Pressure:</b>	9 mbar	
<b>Vapour Density:</b>	Not determined	
<b>SECTION 10 - STABILITY AND REACTIVITY</b>		
<b>Reactivity/ In compatible materials:</b>	Acids and Oxidizers.	
<b>Chemical stability:</b>	Stable under normal temperature and pressure.	
<b>Possibility of hazardous reaction:</b>	Will not occur.	
<b>Condition to avoid:</b>	Prevent possible source of ignition.	
<b>SECTION 11 – TOXICOLOGICAL INFORMATION</b>		
<b>Acute toxicity: Oral:</b>	LD 50 (rat): > 2000 mg/kg	
<b>Skin or eye irritation:</b>	This product contains Petroleum Solvent that may cause irritation in eyes and skin of some individuals.	
<b>SECTION 12 – ECOLOGICAL INFORMATION</b>		
<b>Bioaccumulative potential:</b>	It is insoluble in water. Dispose in accordance to local regulations.	
<b>Persistence and degradability:</b>	Product does not degrade easily. Vaporization occurs under air exposure.	
<b>SECTION 13 – DISPOSAL CONSIDERATIONS</b>		
<b>Disposal:</b>	Dispose of in an approved waste facility according to local regulations.	
<b>General Recommendations:</b>	Of the methods of disposal currently available, it is recommended that an alternative be selected according to the following order of preference, based upon environmental acceptability: (1) Re-cycle or rework, if feasible (2) Incinerate at an authorized facility (3) treat at an acceptable waste treatment facility.	
<b>SECTION 14 – TRANSPORT INFORMATION</b>		
This material is non-regulated and no special requirement is necessary. HS Code: 39100020		
<b>SECTION 15 – REGULATORY INFORMATION</b>		
<b>International regulation:</b>		
Classification:	This product contains Petroleum Solvent that is classified as a flammable and combustible liquid under EC classification.	
Risk phrases:	R10 Flammable R36 Irritating to eyes.	
Safety phrases:	S02 Keep out of reach of children. S16 Keep away from sources of ignition – No Smoking S25 Avoid contact with eyes	
<b>SECTION 16 – OTHER INFORMATION</b>		
<b>Hazard Rating: HMIS (Hazardous Materials Information System)</b>		
<b>HEALTH:</b>	1	
<b>FLAMMABILITY:</b>	2	
<b>REACTIVITY:</b>	0	
0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Extreme		

**NOTICE:** SDS is correct at date of publication. It is not necessarily fully adequate for every circumstance, nor to be confused with or followed in violation of applicable laws or insurance requirements. Health hazards and effects of over-exposure apply only to negligent handling or misuse of product in its concentrated form (as supplied); and not routine exposure to diluted product under normal use. No warranty, express or implied, of merchantability, fitness or accuracy of data is made; as such the vendor assumes no responsibility for injury or damages resulting from use of this product.