

# Product manual

 URL: <http://www.hydro-sky.co.jp>  
 Email: [hydro@hydro-sky.co.jp](mailto:hydro@hydro-sky.co.jp)  
**HydroSky Co.,Ltd.**  
 4-11-9,Narihira,Sumida-Ku,Tokyo,Japan  
 TEL : +81-3-5637-8834 FAX : +81-3-5637-8874

- [Application] Water-repellent waterproof stone General-brick tile, concrete and inorganic building materials General
1. Generic name Highly functional penetration type, water-repellent, waterproof protective agent
  2. Standards Company standard
  3. Features Heritage Plus, faster appearance of the water-repellent by a special silicone oil, drying of the surface layer portion has also been reduced. And forms deep substrate special hydrophobic group by high permeability while maintaining the conventional performance. Forming a durable water repellency, polished granite by ensuring the moisture permeability, can be processed marble Also water absorption of some stone in general, and high-strength concrete. Moisture and substituted to penetrate into the interior, to form a waterproof layer to hold the super water-repellent and waterproof.  
 Heritage Plus by alcohol-based, enables construction of below freezing point, so shortening the construction period.  
 This polish granite, I will give marble, tombstone, concrete, concrete secondary product ceramic system, a strong water-repellent and waterproof to water absorption of certain inorganic building materials in general.

**HYDROSKY**  
**Heritage Plus**  
**SKY-PLS**

GHS label elements picture display or symbol:



4. General properties	
Item	The contents
Principal component	Silicone mixture +Silicone oil + special silane coupling
Contents appearance	1-component
Packing	18 liters(14kg)
Color phase	Colorless transparent or milky color
Light Sawa	After drying, the texture of the base is not changed at all
Specific gravity	0.75~0.95 (20°C)
Viscosity	10mPa·s les.
pH	No data
Boiling point	50~82°C
Melting point	-88.5°C
Flash point	11.7 °C (sealed) 21.0 °C (open type)
Ignition point	480°C
Odor	Solvent odor
Solubility	There hydrolyzable
Solubility	Water, alcohols, ethers, acetone most other organic solvents miscible

5. Paint standard	
Item	The contents
Protection	I basically protection
Wash	When using the cleaning agent, and a good wash. Cleaning is desirable for finishing the appearance, and to sufficiently dry when it is washed with water.
Coating cloth	Coating amount is .08-.35 liters per square meter. Roller, brush, I painted average in the sprayer. Coating amount varies depending on the underlying. Construction place, by site to select the applicator.
Dry	As dry long, strength increases.

## 7. Precautions [Warning]

And wiping completely because advance if the application of the Hydro-Sky SKY-SP (neutralization deterrence-efflorescence processing purposes) react strongly with the components of the SKY-SP.

6. Related law	
Hazardous materials display	Hazardous materials fourth class alcohol (water-soluble) risk grade 2
Solvent classification	Second one organic solvent
Hazardous substances display	Enforcement Ordinance Appendix to the first of two non-hazardous substances
Deleterious substance display	Not applicable

## 8. Notes on construction

1. white even while Heritage plus it is applied to the material with water absorption The whitening does not but, granite, etc., hard surface of the material surplus after application Portion beautiful finishing those who wiped off with a dry cloth.
2. Concrete and stone, the method of applying such as bricks I do not particularly wish, vertical, then horizontal and cross is applied to the average.
3. Deep portion of the joint By squeezing a roller, there is a case in which the coating plaques appear. Also, when it remains to adhere to the sealing agent to stand, which causes stains future melt the sealant.
4. Heritage Plus repellent water even immediately after application. After drying, because if watering the construction surface to water absorption is applied shortage, please apply again.
5. Please fill up quickly after opening.  
 Please remaining material after opening it up on the cause air and chemically react in the container. In the case of short-term storage to like moisture, dust is not mixed, sealed lid, please keep in the place where it is not out of reach of children. Do not particularly returned the use residue in original container also.
6. Should, washed with a large amount of water if it gets into your eyes, I ask that you consult your doctor.