



JIANGXI HITO SILICONE MATERIALS CO.,LTD

No 6 Tianhong road,Xinghuo

industry zone,Yongxiu,

Jiujiang,Jiangxi province,China

(86)792-3170318(Tel) (86) 792-3170355 (Fax)

TECHNICAL DATA SHEET

H-102K

Potassium methylsiliconate

CAS:31795-24-1

DESCRIPTION

H-102K Excellent water resistant, reduce water absorption into the substrate, thus reducing spalling due to freeze-thaw and efflorescence, thereby increasing the life of the materials. Colorless and non-yellowing protection, preserve the natural appearance of the substrate. Penetrating and breathable , low VOC.

TYPICAL PROPERTIES

Appearance	Clear solution
Solid Content	52%
Density(g/cm ³):	1.4
Diluter:	Water
Active content:	Approx 28%
K20 equivalent	20%±0.1

USES AND APPLICATION

H-102K It is clear water-dilutable potassium/sodium methyl siliconate solution. As a surface treatment in applications that utilize its ability to impart a water repellent surface and reduce water absorption. Designed to impart water repellency to a wide variety of substances,such as sandstone, limestone, marble, granite and bricks, ceramics,gypsum and gypsum-based plasterboard, light fillers etc.

Dosage:

Cement mortar, concrete: (H-102K: water = 1: 4-10 diluted, mix to cement mortar or concrete)

Masonry: (H-102K: water = 1: 15-20 diluted, soak masonry 15-20 minutes)

Building surface: (H-102K: water = 1: 4-10 diluted ,brush directly to the surface of the building)

The siliconate reacts with carbon dioxide (CO₂) in the air to form an insoluble water-resistant treatment within 24 hours.

It is also particularly effective in preventing humidity from rising within walls(rising damp). For this application the product is injected into the walls.



After add H-102K

SAFETY

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information.

STORAGE AND SHELF LIFE

After sealing packaging products stored in a cool, dry place , **H-102K** has a shelf life of 36 months from date of manufacture.

PACKAGING

H-102K is available in 200L drum and 1000L IBC or others.

LEGAL DISCLAIMER

Hito chemical believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Hito Chemical , however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.



is a registered trademark of Hito chemical , China.