



Zhejiang Fenghong New Material Co., Ltd.
Tel +86-571-63806068/63711876
Fax +86-571-63751569/63806098
Tangpu Developing Zone, Anji County,
Zhejiang Province, China. P.C. 313300

bentonite@zjfenghong.com
www.zjfenghong.com

HECTGEL RDS

Synthetic Hectorite

GENERAL INFORMATION

HECTGEL RDS is modified synthetic hectorite. It can hydrate and swell in the water to form the colorless and transparent colloid with low viscosity. When its concentration in water is 10%, it can still keep a good fluidity for a long period.

PHYSICAL PROPERTIES

Color/Form	White powder
Bulk Density	1000 kg/m ³
Moisture (@ 105° C, 2hrs)	≤ 10.0%

TYPICAL APPLICATIONS

- Waterborne multicolor coating
- Water-based wood coating
- Water-based color paste
- Emulsion varnish

PACKAGE

25KG/Paper Can or 25KG/Paper Box
(Paper Can size: 36cm*38cm; Paper Box size: 36cm*27cm*33cm)

RECOMMENDED LEVELS

Agitated by the mechanical propeller blade in low speed (400-800rpm), please add HECTGEL RDS powder into 25-30° C water slowly (suggested concentration is 5%-8%). After adding the powder, accelerating the agitation speed to 1500-2000rpm and dispersing for 20-30 min, so that the powder will be fully dispersed in the water. Then the hectorite protective gel will be obtained.

HEALTH AND SAFETY DATA

Before handling this material, read the corresponding Safety Data Sheet (SDS) for safety, health and environmental data.



Zhejiang Fenghong New Material Co., Ltd.

Tel +86-571-63806068/63711876

Fax +86-571-63751569/63806098

Tangpu Developing Zone, Anji County,

Zhejiang Province, China. P.C. 313300

bentonite@zjfenghong.com

www.zjfenghong.com

SHELF LIFE

HECTGEL RDS has a shelf life of at least two years from date of manufacture. Store in a cool dry place.

CERTIFICATIONS

ISO 9001 Quality System, ISO 14001 Environmental Management System, ISO 18001 Safety System



OFFICIAL PARTNER OF FENG HONG - USA & Canada

25000 Country Club Blvd. Ste. 444 | North Olmsted, OH 44070 | Tel 800-635-4822 | Fax 440-686-2180 | info@palmerholland.com | www.palmerholland.com

The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchases will be subject to a separate agreement which will not incorporate this document.