



HIND MS 9215

PRODUCT DATA SHEET

SINGLE COMPONENT MS POLYMER BASED MOISTURE CURING SEALANT & ADHESIVE

DESCRIPTION

Hind MS 9215 is a single component MS polymer based moisture curing sealant and adhesive which is suitable for a wide range of industrial applications. It possess an excellent primer less adhesive properties for various types of substrate having different porosity level and surface texture. It can also be over coated with any kind of paints.

Hind MS 9215 is reinforced with a technology that combines the unique feature of silicone and polyurethane sealant and is a moisture cured system adhesive sealant, Non- bubbling in nature when applied at high humidity or on moist substrates.

USES

Elastic Type bonding and sealing for Bus, Train , Trailers, Caravan, Yatch, Ship building, Construction, Flooring , Metal frames , Natural Stones, Aluminum, Concrete & Fiber glass.

ADVANTAGES

- High mechanical Bonding Strength
- Solvent, Isocyanate and PVC free
- Neutral, Odorless and fast curing.
- Can be applied on wet surfaces.
- Internal and External application.
- Environment friendly.
- Excellent UV and weather resistance.
- Less yellowing compared to PU and Non-staining.

SURFACE PREPARATION

Surface/Substrates must be dry, clean and free from grease, wax, oil and any loose or other material, which may inhibit adhesion of putty. Remove loose rust and scale with a wire brush prior to application. Best results are obtained when the surface is dry.

APPLICATION

The tip of the Cartridge is cut off and nozzle to desired 45⁰ angle and screw the nozzle to the cartridge. Insert the cartridge into the caulking gun. Push the sealant ahead for uniform bead, clean off excess sealant with toluene before it gets cured.

CURING TIME

Hind MS 9215 will form skin in approximately 30 minutes and will cure to adepth of 11.5mm in 7days. Longer cure time may be necessary in dry and low humid areas.

SHELF LIFE

Best before **12months** from the date of manufacturing.

STORAGE

Material to be stored at a cool dry place and within temperature ranging between 5⁰ C to 30⁰ C

PROPERTIES

Curing System	Neutral
Appearance	Non-Sagging Paste
Smell	Odorless
Slump/Flow (Vertical and Horizontal@ 5 ⁰ C and 50 ⁰ C	0 (No failure)
Skin formation Time	10-65 minutes
Specific Gravity	1.44-1.57 g/ml
Shore A Hardness	35 Approximately
Staining & Color change	No staining and No color Change
Elongation at Break	350-480% Approximately.
Tensile at Break	1.5 N/mm ² Approx. 217 PSI Approx..
Shear Strength GI to GI	1.4 N/mm ² Approx. 203 PSI approx..
Shear Strength AL to AL	1.3 N/mm ² Approx. 188 PSI approx..
Shear Strength SS to SS	1.4 N/mm ² Approx. 203 PSI approx..
Shear Strength MS to MS	1.4 N/mm ² Approx. 203 PSI approx..
T peel Strength - Aluminum	5.5 N/mm
Surface Resistivity	1.38 x 10 ¹³ Ohms
Volume Resistivity	2.56 X10 ¹¹ Ohm-cm
Application Temperature	5 ⁰ C to 40 ⁰ C
Service Temperature	-20 ⁰ C to 100 ⁰ C

PACKING

25 Nos Cartridges of 310 ml per Box/20 Sausages of 600ml per Box.

HANDLING PRECAUTION

Hind MS 9215 is non-toxic. Use Goggles, Hand Gloves during application. If contact with eyes occurs wash well immediately with water and seek medical advice. After application clean hands with warm soap water.

Note:

- **Hindcon Chemicals** maintains a team of technically trained professionals to provide full support to your problems in construction, and recommend the correct product to suite your specific requirements. Our authorized applicators can attend your site for application of the products.
- The content of the Technical datasheet are for general information and guideline. The result shown here are generated from our laboratory or from our site experiences.
- Quality of our products are maintained as per ISO9001:2008 recommendations and continuous researches. The behavior can change as per the prevailing conditions at the time of applications.
- Since **HINDCON CHEMICALS LIMITED** has no control over the use to which the users may put the material, it does not claim or warrant that in the user's particular circumstances, the result that the user will obtain from the product will be the same as those described in this communication or that the user will find the information or recommendations complete, accurate or useful. The client must test and ascertain the safety and fitness for the product for use.
- The right to change the properties of the products is reserved with us. The proprietary rights of third parties must be observed. All orders are accepted subject to the terms of sale and delivery. Users must always refer to the most recent issue of the latest Data Sheet for the product concerned, copies of which will be supplied on request.

HINDCON CHEMICALS LIMITED

(AN ISO 9001: 2015 COMPANY)

Office:
62B, Braunfeld Row, "VASUDHA", Kolkata - 700027
Tel: 24490839. Fax: 24490849
E-mail: contactus@hindcon.com, hindconchemicals@yahoo.com

Factory:
Baniyara, Jalan Complex, Gate No.3
Howrah - 711 411
www.hindcon.com

