



HIND MS 40

PRODUCT DATA SHEET

SINGLE COMPONENT MS POLYMER BASED MOISTURE CURED SEALANT & ADHESIVE

DESCRIPTION

Hind MS 40 is a single component MS Polymer based moisture curing sealant and adhesive suitable for a wide range of industrial applications. It has excellent primer less adhesion to various types of substrates of dissimilar porosity and surface texture. It also can be painted over almost all types of paints.

Hind MS 40 is a technology that combines the unique features of silicone and polyurethane sealants. It is a moisture cure system adhesive sealant and “Non” bubbling when applied in high humidity or to moist substrates.

USES

Hind MS 40 is used for Elastic Bonding and sealing in Bus, Train, Trailers, Caravan, Yatch, Construction, Flooring, Metal Frames, Natural Stones, Aluminum, Concrete and Fiber Glass.

ADVANTAGES

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

APPLICATION

Surface Preparation

Ensure that all surfaces are clean, dry, and free from all loose dirt, dust, laitance, oil, grease or any other contaminants, which may impair with adhesion. Metal surfaces should be cleaned and degreased. For a neat finish, apply masking tape and remove it before sealant has skinned over.

Application

Cut tip off cartridge, cut nozzle to desired size at 45o angle. Screw nozzle onto cartridge. Insert cartridge into caulking gun. Push sealant ahead for uniform bead, Clean off excess sealant with toluene before dry.

Curing Time

Hind MS 40 will form skin in approximately 20 minutes and it will cure to a depth of 4 mm in 24 hours. Longer curing time may be necessary in dry and low humid areas.

PROPERTIES

Appearance	Non-sagging Paste
Smell	Odour less
Tack Free Time at 25°C/55% Relative Humidity	20 minutes approximately.
Specific Gravity	1.39 \pm 0.05
Slump /Flow (Vertical & Horizontal) @ 5°C & 50°C	0 (No failure
Hardness (Shore A)	Approx. 40
Staining & Colour Change	There is no staining neither colour gets changed
Elongation at break (ASTM D412)	400% Approx.
Tensile at break	1.6 MPa Approx.
Application temperature	5°C to 40°C
Service temperature	-40°C to 140°C

SHELF LIFE

Best before 12 months from the date of manufacture in unopened condition. Keep in cool and dry place away from direct and temperature ranging between 5°C to 30°C.

PACKING

Hind MS 40 is supplied in **310 ml / 600 ml** sausage.

HANDLING PRECAUTIONS

Hind MS 40 is non-toxic. Uncured adhesive / sealant causes skin and eyes irritation upon contact, avoid contact with eyes, skin and mouth, In case of contact with eyes, flush with water immediately for **15 minutes**. If irritation persists, seek medical attention, Keep out of reach of children. Use in well-ventilated areas.

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 **ISO9001:20015** 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)

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