Methyl Hydrogen Silicone Fluid 202

**Product Description**

*Methyl Hydrogen Silicone Fluid 202* is a methylhydrogen silicone fluid in which some of the methyl radicals of dimethyl silicone fluid are replaced by hydrogen. It is used as:

1. Water repellent treatment of plaster used to produce tiles and boards.
2. Water repellent treatment of cement, marble, fabrics, glass, ceramics, leather and metal.
3. Water repellent treatment of dry-sprayed substances (e.g.: extinguisher powders, various fillers).
4. Raw material of MH emulsion; Blend with hydroxyl silicone emulsion could keep the fabric with both breathable and waterproof property. It also could improve the fabric tear strength, friction strength and anti-fouling, feeling and stitching performance.
5. Used as a release paper isolation and crosslinking agent.

Equivalent brand: MH-1107(Dow Corning), TSF-484(Momentive),DF-1040(Momentive),Rhodorsil H68(Rhodia),SILRES BS 94(Wacker) and KF-99(Shin-Etsu)

**Product Characteristics**

- **Chemical name**: Polymethylhydrosiloxane
- **CAS No**: 63148-57-2
- **Status**: Chemical Auxiliary Agent
- **Test Method used**: ISO9001-2000
- **Features**: High Hydrogen Content, low volatile
- **Appearance**: Colorless and odorless transparent oily liquid
- **Typical Customer Applications**: Additives

<table>
<thead>
<tr>
<th>Typical Properties</th>
<th>Method</th>
<th>Value</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen content</td>
<td>ISO</td>
<td>1.56~1.65</td>
<td>%</td>
</tr>
<tr>
<td>Viscosity,25℃</td>
<td>ISO</td>
<td>15.00~45.00</td>
<td>mm²/s</td>
</tr>
<tr>
<td>Density,25℃</td>
<td>DIN</td>
<td>0.995~1.015</td>
<td>g/cm³</td>
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<tr>
<td>Refractive index,25℃</td>
<td>ISO</td>
<td>1.390~1.410</td>
<td>--</td>
</tr>
<tr>
<td>Flash point,25℃</td>
<td>ISO</td>
<td>160</td>
<td>°C</td>
</tr>
<tr>
<td>Volatile</td>
<td>ISO</td>
<td>≤2</td>
<td>%</td>
</tr>
<tr>
<td>PH</td>
<td>ISO</td>
<td>6~7</td>
<td>--</td>
</tr>
<tr>
<td>Ignition temperature(Liquids)</td>
<td>DIN</td>
<td>285</td>
<td>°C</td>
</tr>
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</table>

**Price Policy**
**Package & Shipping**
Packed with plastic coated drum-200kg per drum
Packed with polyethylene plastic barrels of 5kgs, 20kgs, 50kgs, 200kgs or 1000kgs/IBC
It could be transported as nonhazardous chemical.

**Storage**
It should be stored in a clean, airtight container, and kept away from acid, alkali or other impurities.
It should be stored in a cool dry place, and kept away from direct sunlight or contact with alkaline substances, acid and moisture.
Product guarantee period for 6 months, still could be used after inspection qualified when it is overdue.

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Castchem markets this product through the following entities:
♦ Castchem Hangzhou factory, Ltd
♦ Castchem Quzhou factory, Ltd

For the contact details of Castchem, please visit [www.zj-castchem.com](http://www.zj-castchem.com)
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