Chemical Nature: Aqueous APEO AND FORMALDEHYDE FREE Styrene- Acrylate copolymer emulsion with a very fine particle size, (hydrosole type) with low viscosity and good penetrating properties for a penetrating primer to arrest the efflorescence in the concrete structures.

**PRODUCT SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Property</th>
<th>Property</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid content, weight %</td>
<td>40 ± 1</td>
</tr>
<tr>
<td>Viscosity at 30°C</td>
<td></td>
</tr>
<tr>
<td>Brookfield, 3/20, ps</td>
<td>2 – 6</td>
</tr>
<tr>
<td>pH (1:1 with water)</td>
<td>8 - 9</td>
</tr>
</tbody>
</table>

**Other Properties:**

- Minimum film forming temperature (°C): +19
- Particles size, average (micron): 0.06
- Plasticizer content: Free form plasticizer
- Filler acceptance: Good
- Calcium stability: stable
- Mechanical stability: stable
- Borax Stability: stable

**Film Properties:**

- Appearance: Clear,
- Surface: Hard
- Flexibility: Good

**Compatibility With**

- Visicryl 7040 is miscible with non ionic & anionic emulsions. However, there is a chance that such mixing may affect the property of Visicryl 7040.

- Fillers: Visicryl 7040 has good compatibility with calcium carbonate, Pigment compatibility is good and can be further increased by incorporating suitable dispersing agent.
**Application**

**FIELD OF APPLICATION**

*Visicryl 7040* is a very fine particle sized emulsion with good penetration for using as a primer in concrete structures to guard against efflorescence. The finer particle size gives very good gloss and water resistance of the film when used in a coating formulation.

**PROCESSING**

- Coatings are generally made on the concrete as such so that the pores are sealed with the resin particles.
- To achieve film formation at lower temperature adequate quantity of coalescing solvents are to be incorporated.
- For higher viscosity thickeners are recommended to be added
- Suitable defoamer in required quantity is to be added to take care of foam during processing.
- Biocides need to be included in the formulation to guard against micro-organism growth.

**Safety**

General safety precautions such as goggles, gloves, and face shields should be used while handling *Visicryl 7040*. MSDS is provided for detailed information.

**Industrial Hygiene**

*Visicryl 7040* is not harmful for the purpose for which it is intended and processed. It may irritate skin and mucous membrane on prolonged contact.

**Labeling**

*Visicryl 7040* is non hazardous and doesn’t contain substances which have implication for labeling under regulations.

**Storage**

*Visicryl 7040* has a shelf life of 6 months from the date of manufacture, provided it is stored under shade, away from direct heat and sunlight and well protected from freezing.

**Packing**

Bulk in tankers, flexi, 240/220kg HDPE Drums.

**Disclaimer:**

Note: The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other company’s raw materials are also being used. The recommendations do not absolve the user form the obligation of investigation of the possibility of infringement of third party rights and, if necessary, clarifying the positions. For more details contact email: vishalhyderabad@rediffmail.com

© Copyright, Visen Industries Ltd.