Technical Datasheet (DA-382)

**PRODUCT SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Inspection Method</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solids content</td>
<td>54.0 – 56.0 %</td>
</tr>
<tr>
<td>Viscosity at 25 °C</td>
<td>100 – 700 mPa.s</td>
</tr>
<tr>
<td>pH</td>
<td>4.0 - 6.5</td>
</tr>
</tbody>
</table>

**TYPICAL PROPERTY**

<table>
<thead>
<tr>
<th>Inspection Method</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Film Appearance</td>
<td>Visual Clear, glossy</td>
</tr>
<tr>
<td>Tg</td>
<td>DCC method 8.0 - 12.0 °C</td>
</tr>
<tr>
<td>Stabilizing System</td>
<td>Protective Colloid/ Surfactants</td>
</tr>
</tbody>
</table>

**INTRODUCTION**

DA-382 is a milky white Vinyl Acetate – Ethylene emulsion stabilized by the alkyl phenol ethoxylates-free (APEO-free) system.

It is developed as a low VOC for ecologically friendly and low odor interior wall paints.

The benefit of interior coating system with DA-382 is still to get the good scrub resistance with high PVC formulation. Besides, it is also suitable for emulsion paint claiming for good resistance against the blocking.

Good machinability and higher filler loading capabilities offer high loading of such filler as calcium carbonate and clay.

The emulsion with different paint formulations can bring about many changes of the gloss of indoor-paints in accordance with the customers demand.

DA-382 enhances hiding permit formulations of both, flat and sheen interior paints, with best cost/performance balance.

**RECOMMENDED APPLICATIONS**

DA-382 is especially suitable for the formulation of low VOC and low odor interior paints and coating systems without coalescing agent.

Possible application covers high PVC paints with outstanding scrub resistance as well as semi-gloss paints with good anti-blocking properties.

Most popular uses can be outlined as follows:

- Low VOC interior paints
- Flat paints
- Semi gloss paints
- Deep shade paints
- Plaster and textured coatings

**SAFETY & STORAGE**

In general, DA-382 is considered safe for its intended use. However, as this class of products always contains minor amount of residual vinyl acetate monomers, adequate ventilation is recommended in rooms where DA-382 is handled. Generally when working with polymer emulsions, protective clothes, gloves and also goggles should be used. Splashes on the skin or in the eyes should immediately be removed by irrigation with clean water.

DA-382 should be stored in sheltered areas at temperatures between 5 and 40 °C; do never store under freezing conditions. Soft lumps or skins may tend to be formed during transportation and storage, therefore filtration is recommended before use. If the product is not transferred completely at one time, the user shall take adequate precautionary measures to prevent the possible formation of lumps or skins on the product. Opened containers should be closed soon to prevent skinning. If the product is stored for a longer period, stirring is recommended before use. If the product is kept in original, unopened containers which have been opened, or is transferred to other tanks, the product should be added with suitable preservative package to protect it against microbial attack. Equipment and facilities used to transfer the product should also be kept adequately clean. Finished products manufactured from polymer emulsions usually also require preservation.
SAFETY NOTICE

Material Safety Data Sheets are available on request from sales offices or may be printed via web site www.dcc.com.

PACKAGING

Iron drum 220Kg/ PE IBC 1.1 MT/ Flexible bag/ road tanker

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