**Technical Datasheet (DA-265)**

**Product Specifications**

<table>
<thead>
<tr>
<th>Inspection Method</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solids content</td>
<td>65.00 % min</td>
</tr>
<tr>
<td>Viscosity at 25 °C</td>
<td>1000 – 2000 mPa.s</td>
</tr>
<tr>
<td>pH</td>
<td>4.5- 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>-30.0 ~ -20.0 °C</td>
</tr>
<tr>
<td>Stabilizing System</td>
<td>Cellulose/Surfactants</td>
</tr>
</tbody>
</table>

**Introduction**

DA-265 is a non-plasticized aqueous Vinyl Acetate-Ethylene-Acrylate terpolymer emulsion with a high solid content of 65% and with color ranging from white to yellow.

After drying, a water-resistant, clear and very flexible film is formed, exhibiting best stability against degradation / discoloration by UV-light, oxygen and even ozone.

Because of the adjusted very high ethylene content (Tg~ -25 °C), this film is extremely tacky and uses no plasticizers to get the softness and flexibility.

As a result, it shows no phenomenon such as migration of plasticizers out of externally plasticized polymers (like PVC) in contact.

All these properties make DA-265 an ideal raw material for all kind of adhesives, especially products where an extremely high dry tack is necessary.

From the viewpoint of industrial applications, the compatibility of raw materials is considered important to manufacturers.

Compatibility with different plasticizers, solvents and extenders is generally good, although this has to be checked in each individual case of course.

**Recommended Applications**

DA-265 is especially suitable for use in all applications, requiring permanent pressure sensitivity, like labels, decals and tapes. Formulations with surfactants, solvents, further plasticizers, soft or hard resins, other latices or simply with fillers broaden its efficiency in many different fields of adhesives. A general synopsis is given in the following table.

- permanent pressure sensitives (label, decals, tapes)
- plastic foils to scrim and nonwovens
- film-/film laminations
- film to paper and board laminations
- (lacquered) paper to other substrates
- leather bonding
- covering solid foams by paper, board, plastic films or mineral coatings
- decorative vinyl applications
- floor-, wall- or ceiling adhesives.

**Safety & Storage**

In general, DA-265 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-265 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-265 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. Shelf life of...
DA-265 is minimum 6 months, provided the product is stored in original, unopened containers under proper conditions. Stirring is required before utilizing the product if it has been stored for a longer period.

DA-265 is adequately preserved to prevent microbial contamination. However, if the product is kept in original 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 website www.dcc.com.

**PACKAGING**

- Iron drum 220Kg
- PE IBC 1.1 MT
- Flexible bag
- Road tanker

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of products is guaranteed under our General Conditions of Sale. Neither Dairen nor its agents nor its distributors accept liability for damages arising from the use of our product or our recommendation. The recommendations should be evaluated by the customers’ different operating conditions and raw materials. It is our customers’ responsibility to avoid infringement of the rights of third parties. We reserve the right to modify the document as the technical development.