Kane Ace™ 4944F / Acrylic Binder for Plastisols

PRODUCT DESCRIPTION
Kane Ace™ 4944F is a binder for hard and tough coatings for metal, paper and fabrics.

GENERAL BENEFITS
- Compatible with a wide range of plasticizers like phthalates, phosphates, benzoates, citrates, adipates, butyrates, sebacates, trimellitates, polymer plasticizers and also combinations of different plasticizers.

TYPICAL APPLICATIONS
- Hard and tough coatings for metal, paper and fabrics.
- Adhesion on metal, especially on KTL-coated substrates.

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Description</td>
<td>Acrylic Copolymer</td>
</tr>
<tr>
<td>Physical Form</td>
<td>fine white powder</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>350 g/l</td>
</tr>
<tr>
<td>Glass Transition Temperature (Tg)</td>
<td>118 °C</td>
</tr>
<tr>
<td>Viscosity Number</td>
<td>320 g/cm³</td>
</tr>
<tr>
<td>Average Particle diameter D(V50)</td>
<td>40 µm</td>
</tr>
</tbody>
</table>

Note: please be aware that typical properties are approximate reference values. For guaranteed quality specifications, please contact us.

QUALITY CONTROL
Kaneka Belgium NV follows internationally recognized quality management principles. Our valid ISO certificates can be downloaded from our website.
EN ISO 9001: 2008 “Quality Management System”
EN ISO 14001: 2004 “Environmental Management System”

STORAGE AND HANDLING
Please consult the “General safety recommendations for the storage and handling of Kane Ace™ powders” and Safety Data Sheet for additional information concerning personal protective measures, safety, health and environmental information.

SHELF LIFE GUARANTEE
On condition that there is taken care about the conditions for storage(*) as these are mentioned in the Safety Data Sheet and on the packaging itself of the Kane Ace™ product, Kane Ace™ 4944F can be maintained in stock, keeping its characteristics, for a period up to three years after delivery date.

(*) Store free, in original package. Store in cool area, do not store near heat sources. Store in dry well-ventilated area, avoid contact with moisture. Protect from light, especially from direct exposure to sunlight.
**REGULATORY INFORMATION**  
Regulatory information is supplied upon request. Please contact info.regulatoryppd@kaneka.be

**HARMONIZED TARIFF CODE**  
39069090

**CAS NUMBER**  
CAS number assigned to identify Kane Ace™ 4944F is available upon request.

**PRODUCT PACKAGING**  
Kane Ace™ 4944F is supplied in 25-kg paper bags [1000 kg per pallet].

**ADDITIONAL INFORMATION**  
For additional information or specific recommendations for your intended application, please contact us.

**HIGH PERFORMANCE POLYMERS DIVISION**  
Technical Service Department  
Phone: +32 (0) 14 25 78 37  
Fax: +32 (0) 14 25 78 81  
Email: info.modifier@kaneka.be

---

**Disclaimer**  
All information (including but not limited to technical statements, instructions, recommendations or suggestions) contained in this bulletin are for general information purposes only. The information is provided to the best of our knowledge and while we endeavour to keep the information up to date and correct according to the state of the art, we make no representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability or suitability with respect to the information contained in this bulletin. Any reliance you place on such information is therefore strictly at your own risk. In no event will we be liable for any loss or damage (including, without limitation, indirect or consequential loss or damage, or any loss or damage whatsoever arising from loss of profits) arising out of, or in connection with, the use of this information and/or the use, handling, processing or storage of Kane Ace™.