**DEFOMER/DEAERATOR FOR WATERBORNE FORMULATIONS**

**AIRASE® 4500**

**DESCRIPTION**
AIRASE® 4500 is an effective defoamer concentrate based on organic polymer technology. Good balance of effectiveness and compatibility.

**KEY BENEFITS**
- contains no mineral oil
- low viscosity and easy-to-handle liquid
- suitable for food contact compliant formulations

**APPLICATION RECOMMENDATION**
- Brush application/roller application
- Airless spraying
- Compressed air spraying
- Flexo/gravure printing
- Dip coating, flow coating, curtain coating
- Flooring

**SU宜ABILITY**
- waterborne
- solventborne
- 2-pack 100%
- radiation-curing
- addition to the grinding stage
- addition to the let-down stage

**RECOMMENDED ADDITION LEVEL**
As supplied calculated on total formulation: 0.2 - 1.0 %

**PROCESSING INSTRUCTIONS**
Can be introduced during grind or let-down stage. Add slowly to formulation under moderate to high agitation. Mix thoroughly for 15-20 minutes.

**HANDLING & STORAGE**
Keep containers tightly closed in a dry, cool, and well-ventilated place. Mix thoroughly before use. Product is freeze-thaw stable, but it may separate upon standing or freezing. Bring to 20-30°C and mix thoroughly before use.

**TECHNICAL DATA**
- active matter content 100 %
- appearance turbid colored liquid
- chemical description organic based concentrate, contains hydrophobic particles
- solvent -

**SOLUBILITY**
<table>
<thead>
<tr>
<th>Solvent</th>
<th>Water</th>
<th>Ethanol</th>
<th>TPGDA</th>
<th>Acetone</th>
<th>Butylacetate</th>
<th>Mineral Spirits</th>
</tr>
</thead>
<tbody>
<tr>
<td>not soluble</td>
<td>not soluble</td>
<td>partly soluble</td>
<td>soluble</td>
<td>partly soluble</td>
<td>soluble</td>
<td>partly soluble</td>
</tr>
</tbody>
</table>

**TYPICAL APPLICATIONS**
- General industrial coatings
- Architectural paints
- Pigment concentrates
- Printing Inks

**MSDS & REGULATORY INFORMATION**

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