AMBERLAC® 13-038
(formerly STYRESOL® 13-038)
Product Code: 13038-00
Vinyl Toluene-Modified Alkyd

DESCRIPTION

AMBERLAC® 13-038 is a vinyl toluene-modified alkyd supplied in VM&P Naphtha.

APPLICATIONS

- Aerosol finishes
- Toy enamels
- Coatings for plastics
- Industrial primer and topcoats

FEATURES

- Low viscosity for one-coat finishes
- Good gloss and color
- Aliphatic solvent tolerance

PROPERTIES

- Type: Modified Alkyd
- Percent Solids, Weight: 49 – 51
- Percent Solids, Volume: 40 approx.
- Viscosity, Gardner-Holdt: X – Z
- Reduced Viscosity at 35% Non-Volatile in VM&P Naphtha: E – H
- Color, Gardner: 5 max.
- Acid Value, on Solids: 14 max.
- Pounds per Gallon, Solution: 7.37 avg.
- Flash Point (SFCC): Typical 40°F
- Modifier: Vinyl Toluene
- Solvent: VM&P Naphtha

COMPATIBILITIES

- Long Oil Alkyds: None
- Medium Oil Alkyds: Limited
- Short Oil Alkyds: Limited
- Aromatic Solvents: Excellent
- Aliphatic Solvents: Excellent
- Amino Resins: Limited

STORAGE

Store in a cool, dry place, preferably under 80°F to ensure a useful shelf life of at least six months.

Read the AMBERLAC® 13-038 Material Safety Data Sheet before handling, storing, or using this product.
SUGGESTED FORMULATION

Air Dry Black Enamel

<table>
<thead>
<tr>
<th>Pounds/ 100 Gallons</th>
<th>Formula</th>
<th>Grind in Steel Ball Mill:</th>
</tr>
</thead>
<tbody>
<tr>
<td>206.0 AMBERLAC® 13-038</td>
<td>390.0 AMBERLAC® 13-038</td>
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<tr>
<td>14.0 Carbon Black</td>
<td>81.0 VM&amp;P Naphtha</td>
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<tr>
<td>5.5 Diethylamine</td>
<td>1.0 6% Cobalt Naphthenate</td>
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</tr>
<tr>
<td>1.5 Anti-Skinning Agent</td>
<td>730.5 TOTAL</td>
<td></td>
</tr>
<tr>
<td>1.5 Anti-Flooding Agent</td>
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<tr>
<td>30.0 Xylene</td>
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TYPICAL PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Formulation Properties</th>
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<tbody>
<tr>
<td>Percent Non-Volatile</td>
<td>42.5</td>
</tr>
<tr>
<td>Percent Black Pigment on Non-Volatile</td>
<td>4.5</td>
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</tbody>
</table>