

Ircospense® AP2338

Polymeric Dispersing Agent

Lubrizol

TECHNICAL DATA SHEET

| | | | | | | | | | |
|------------------------------|--|------------|--------------|----------------------|-----|-------------|----------|------------------|-------------------|
| Applications | Solvent borne Coil Coating | | | | | | | | |
| Performance | <p>Ircospense® AP2338 is a polymeric dispersion which will improve pigment dispersion and stability in liquid organic media.</p> <p>In solvent borne coil coating applications, the following benefits are achieved:</p> <ul style="list-style-type: none">• Improve pigment wetting during premix stage• Improve resistance to pigment sedimentation• Better color separation resistance• Better gloss and color strength• Better storage stability | | | | | | | | |
| Method of Use | The Ircospense® AP2338 should be added into the millbase resin/solvent before addition of pigments. | | | | | | | | |
| Addition Level | <p>Addition levels should be based on the pigment surface area of the pigments/filler.</p> <p>The dosage level is typically 2mg active dispersion per square meter of pigment surface area. This is simply the pigment surface area divided by 5.</p> | | | | | | | | |
| Typical Properties | <table border="1"><tr><td>Appearance</td><td>Brown Liquid</td></tr><tr><td>Non-Volatile Content</td><td>50%</td></tr><tr><td>Flash Point</td><td>35 deg C</td></tr><tr><td>Specific Gravity</td><td>0.9 (15.5 deg C)</td></tr></table> | Appearance | Brown Liquid | Non-Volatile Content | 50% | Flash Point | 35 deg C | Specific Gravity | 0.9 (15.5 deg C) |
| Appearance | Brown Liquid | | | | | | | | |
| Non-Volatile Content | 50% | | | | | | | | |
| Flash Point | 35 deg C | | | | | | | | |
| Specific Gravity | 0.9 (15.5 deg C) | | | | | | | | |
| Packaging and Storage | <p>Ircospense® AP2338 is packed in 20kg and 180kg drums.</p> <p>Shelf life : 2 years</p> <p>For storage : please refer to MSDS</p> | | | | | | | | |
| Regulatory Status | For detailed information, please refer to MSDS. | | | | | | | | |

Ref: HD-SG-IR-092009-01-NV ver. 1

The information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained. The information is based on laboratory work with small-scale equipment and does not necessarily indicate end product performance. Because of the variations in methods, conditions and equipment used commercially in processing these materials, no warranties or guarantees are made as to the suitability of the products for the applications disclosed. Full-scale testing and end product performance are the responsibility of the user. Lubrizol Advanced Materials, Inc. shall not be liable for and the customer assumes all risk and liability of any use or handling of any material beyond Lubrizol Advanced Materials, Inc.'s direct control. The SELLER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.