

# ECO-IMPRES 6008

Ink retarder additive

## TECHNICAL DATA SHEET

|   |   |            |                          |    |            |         |        |
|---|---|------------|--------------------------|----|------------|---------|--------|
| <hr/>                                   |   |            |                          |    |            |         |        |
| <b>INTRODUCTION</b>                     | Eco-Impres 6008 is ink retarder additive for improving print image quality.   |            |                          |    |            |         |        |
| <b>AREAS OF APPLICATION</b>             | <p>Aqueous Printing Inks -for improving the print image transfer on the flexo printing machines.</p> <p><b>Eco-Impres 6008</b> is a very effective additive for minimizing the ink drying on the photopolymer plates and aniloxes – thereby maintaining a higher print quality during a long print run.</p> <p>To be used in Aqueous Printing Inks and Overprint Varnishes - adjusting or re-claiming the lost pH value, while long running of the product on the machine.</p> <p>Slight odour level on the printing station</p>  |            |                          |    |            |         |        |
| <b>TYPICAL PROPERTIES</b>               | <table><tr><td>Appearance</td><td>: Clear colorless liquid</td></tr><tr><td>pH</td><td>: 10 to 12</td></tr><tr><td>Density</td><td>: 1.12</td></tr></table>   | Appearance | : Clear colorless liquid | pH | : 10 to 12 | Density | : 1.12 |
| Appearance                              | : Clear colorless liquid  |            |                          |    |            |         |        |
| pH                                      | : 10 to 12  |            |                          |    |            |         |        |
| Density                                 | : 1.12  |            |                          |    |            |         |        |
| <b>RECOMMENDED LEVELS</b>               | 1 to 3 % - One can add this additive on printing machine duct or tank (requires proper mixing)  |            |                          |    |            |         |        |
| <b>PACKING</b>                          | 20 and 240 kg in HDPE containers  |            |                          |    |            |         |        |
| <b>STORAGE, SHELF LIFE AND HANDLING</b> | Store in shadow with temperatures not exceeding 30 <sup>0</sup> C and not below 5 <sup>0</sup> C. If kept unopened and under recommended storage conditions then this product has a minimum shelf life of 12 months. Always shake before use. Always keep the lid tightly closed on the half-opened container. During the use do not put the coating to intense or vigorous agitation as this increases the tendency of foaming. If possible, use peristaltic pump on the printing machine. The return pipe from the coating duct must always be touching the bottom of the coating vessel/container as this avoids excessive foaming. During the long print runs |            |                          |    |            |         |        |

make an attempt to keep the coating container lid tightly closed. Coating, when wet could be cleaned with water (cold or warm water).

For the information on use of w/b coating additives, which help to modify the coating properties to suite the machine and print job requirement, please refer to our W/B coating additive guideline. This literature also helps in overcoming some of the frequently experienced coating related problems or headaches.

#### HEALTH & SAFETY

##### **Formulation**

:In accordance with BCF "Raw material selection"

##### **Manufacture**

:Bulk manufactured in accordance with BCF "Good manufacturing practice"

##### **Hazardous Goods label**

:Not required

Risk in usage. This coating will not pose any significant hazard provided reasonable standards of industrial practice are maintained

#### DISCLAIMER

The information contained in this product data sheet corresponds to our current knowledge and experience. The liability for the application and processing of this product lies with the buyer, who is also responsible for observing the third-party rights. Also, we reserve the right to alter any of the details presented here because of technical or manufacturing development

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