

## SatPax® 550

Pre-wetted 100% Meltblown Polypropylene Cleanroom Wiper



SatPax® 550 wipers are made of exceptionally clean 100% meltblown polypropylene, pre-wetted with a consistent concentration of 70% USP Grade IPA and 30% DI Water. This pre-wetted format offers a cost-effective and user-friendly solution compared to traditional bulk handling of solvents, maintaining squirt bottles, and the inconsistent wetting and cleaning usually associated with wetting a dry wiper.

Berkshire's SatPax® 70/30 IPA biocidal product range is authorised under the EU Biocidal Product Regulation (EU) 528/2012 for sale throughout the EU and EEA. The products in the range are efficacious against bacteria and yeast, with a contact time of 1 min.



### Key Attributes

- 100% meltblown polypropylene
- No chemical binders in base material
- Pre-wetted with consistent 70% USP Grade IPA/ 30% DI Water
- Re-sealable solvent resistant packaging
- Wipers in c-folded configuration for single withdrawal

### Benefits

- Very low extractables and ions
- Very low particle and fibre counts
- Excellent wet strength and abrasion resistance
- Reduces alcohol usage and preparation / handling costs
- Reduces VOC emissions
- Increases cleaning efficiency
- Increases cleaning protocol consistency
- Lot traceability

### Applications

- Designed for use in ISO Class 5 and higher cleanroom environments and USP <800> applications
- Designed for use in wet cleaning of critical surfaces where control of flammable solvents and flammable solvent concentrations is required
- Final cleaning of surfaces or products prior to manufacturing or packaging
- High saturation level is ideal for removing cleaning residues in regulated environments
- FDA 21 CFR - Food contact compliant
- Cleaning of manufacturing equipment for semiconductor

### Other Class 5 and above Pre-wetted wipers in the BPR range

- SatPax® 1000
- SatPax® 670

### Sterile Validated Option

For aseptic processing areas, the same wiper material can be provided in a gamma irradiated validated sterile to a 10<sup>-6</sup> sterility assurance level.

[www.berkshire.uk.com](http://www.berkshire.uk.com)

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## Technical Data (In Dry State)

| Attribute             |                  | Units                             | Value         | Test Method  |
|-----------------------|------------------|-----------------------------------|---------------|--|
| Basis Weight          |                  | g/m <sup>2</sup>                  | <b>35.4</b>   | TAPPI T -410   |
| Caliper               |                  | µm                                | <b>204</b>    | TAPPI T -411   |
| Fibres                | ≥100µm           | fibres/cm <sup>2</sup>            | <b>0.48</b>   | IENT -RP -CC004.4 Sec 7.1.3/Sec 7.2.2 modified   |
| Particles             | ≥0.5µm           | x10 <sup>3</sup> /cm <sup>2</sup> | <b>4.8</b>    | IENT -RP -CC004.4 Sec 7.1.3/Sec 7.2.1 modified   |
| Sorbency              | Capacity         | mL/m <sup>2</sup>                 | <b>196*</b>   | IENT -RP -CC004.4 Sec 9.1 / Sec 9.2 modified<br>Sorbency Capacity, Efficiency, and Rate are performed with 70% IPA |
|                       | Efficiency       | mL/g                              | <b>5.5*</b>   |  |
|                       | Rate             | seconds                           | <b>10*</b>    |  |
| Non -Volatile Residue | DI Water         | g/m <sup>2</sup>                  | <b>0.0032</b> | IENT -RP -CC004.4 Sec 8.1.2  |
|                       | IPA              | g/m <sup>2</sup>                  | <b>0.015</b>  |  |
| Ions                  | Na <sup>+</sup>  | ppm                               | <b>0.42</b>   | IENT -RP -CC004.4 Sec 8.2.2  |
|                       | K <sup>+</sup>   | ppm                               | <b>0.20</b>   |  |
|                       | Ca <sup>++</sup> | ppm                               | <b>0.47</b>   |  |
|                       | Mg <sup>++</sup> | ppm                               | <b>0.038</b>  |  |
|                       | Cl <sup>-</sup>  | ppm                               | <b>0.80</b>   |  |

## Efficacy Data

| Microorganism                 | Log Reduction (EN16615) | Berkshire's SatPax® 70/30 IPA biocidal product range is authorised under the EU Biocidal Product Regulation (EU) 528/2012 for sale throughout the EU and EEA. The products in the range are efficacious against bacteria and yeast, with a contact time of 1 min. |
|-------------------------------|-------------------------|---|
| <i>Staphylococcus aureus</i>  | >6.07                   |   |
| <i>Pseudomonas aeruginosa</i> | >5.59                   |   |
| <i>Enterococcus hirae</i>     | >5.72                   |   |
| <i>Candida albicans</i>       | >4.32                   |   |

### Notes:

- Technical data represented in this table are typical values at the time of publication. These should not be used as product specifications.
- Due to differences in test methods applied and equipment utilised by different wiper manufacturers, valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions
- Third party testing can be performed upon request

## Order Information:

| Product      | Number       | Size            | Shts/pk | Pks/cs | IPA/DI Water | Saturation | VOC % by Weight | Style  |
|--------------|--------------|-----------------|---------|--------|--------------|------------|-----------------|--------|
| SatPax ® 550 | SPX550124BPR | 9x11" (23x28cm) | 50      | 24     | 70/30        | 71%        | 50              | C-fold |
| SatPax ® 550 | SPX550424BPR | 9x11" (23x28cm) | 50      | 24     | 70/30        | 57%        | 47              | C-fold |

For more information on our other contamination control products or technical consultation, please contact your Berkshire Sales Representative or e-mail: [info@berkshire.com](mailto:info@berkshire.com)

## Other Berkshire Products



**Wipers**



**Mop Systems**



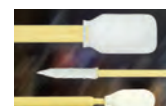
**Face Masks**



**Glove Liners**



**Documentation Systems**



**Swabs**

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