

OBTEX-BSU-T LIQUID

Product Details:

Special fluorescent whitening agent for use in surface coating of paper.

- For coating slurries containing 100% synthetic binders or only small amounts of carriers such as poly-vinyl-alcohol , carboxy methyl cellulose, starch, especially with high additions of F.W.A.
- For extremely high whiteness in conventional pigmented coating slurries.
- To correct two-sidedness ; can also be used without binders.

General properties:

Chemical basis	Derivative of 4,4' diamino-stilbene 2.2' disulphonic acid. Contains a carrier.
Ionic character	Anionic
Form supplied	Clear, yellow liquid.
Density (20°C)	Approx. 1.10-1.15 g/cm ³
pH of a 10 % solution in water (20°C)	8.5 - 10.5
Tint	Clear, slightly reddish white
Dilution	Miscible with water in all proportion
Resistance to acids	Very good resistance to acids
Substantivity	Low substantive, so not suitable for application in the stock.
Maximum additions	Depends on the composition of the coating slurry and the co-binder content. The tendency to graying is unusually low so additions of over 50g OBTEX-BSU-T liquid per kg coating slurry can be used in favorable conditions.

Technical notes:

Application:

- **In pigmented coating slurries:**

While the brightening effect of other liquid F.W.A. does not normally improve at additions of over approx. 1.2 - 1.4%(calculated on ready-to-use coating slurry), with **OBTEX-BSU-T** liquid the degree of whiteness continues to improve at far higher additions.

OBTEX-BSU-T liquid is therefore particularly suitable for use in high –white coatings.

In coating slurries, which contain only plastics dispersions or small amounts of carriers such as starch, poly vinyl alcohol and carboxy methyl cellulose, only relatively low brightening is achieved with normal additions onwards.

By contrast, **OBTEX-BSU-T** liquid often gives satisfactory results in coating slurries of this type. The advantage over other F.W.A. increases with increasing additions.

The carriers in **OBTEX-BSU-T** liquid is soluble in water and may affect the water - resistance of the coating.

Correction of two – sidedness:

The excellent acid resistance of **OBTEX-BSU-T** liquid means that it can be applied with little or no binder. It is thus possible, for instance, to treat two - sidedness by applying an aqueous solution of **OBTEX-BSU-T** liquid to one side of the paper. This does not alter the surface properties of the paper.

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(WITHOUT WARRANTY)

The information's given in this literature are based on the present state of our knowledge.

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Plot No.C1B 3420, PCI Chokdi,
GIDC Estate, Ankleshwar-393002(Guj.)
+91 99980 42948, +91 94261 38510
info@sunwhitechemicals.com
www.sunwhitechemicals.com

