

**AQUASOL RUBBERMAX WHITE/CLEAR (SD)**  
 Non-toxic Elastic Rubber Inks for Textile Silkscreen Printing

Type	Chemical Composition	Supplied Form	Ionicity	pH
Rubbermax White SD	Titanium dioxide + binder	High viscosity white paste	Anionic	>7
Rubbermax Clear SD	Binder concentrate	High viscosity pale yellow paste	Anionic	>7

**Properties**

Aquasol Rubbermax White/Clear (SD) are formulated to be suitable for elastic silkscreen prints on cotton and polyester-cotton blend fabric. Aquasol Fixer NF, which is a formaldehyde-free fixer, can be added if required. The Aquasol Rubbermax White/Clear (SD) provide a matt finish with good softness, elasticity, smoothness and handfeel. In addition, the prints are tack free and provide good anti-block properties (no face-to-face sticky transfer of inks). The Aquasol Rubbermax White/Clear (SD) are also environment compliant and free of the following chemicals;

1. Formaldehyde (<10 ppm)
2. Azo
3. Poly vinyl chloride (PVC)
4. All Phthalates
5. Alkyl phenol ethoxylate (APEO)
6. Heavy metals

The Aquasol Rubbermax White/Clear SD grades differ in terms of opacity and are used based on the required colours of the print and of the fabric.

**Rubbermax White (SD)** – Highly opaque and highly elastic with brilliant white tone. Suitable for prints on dark fabric.

**Rubbermax Clear (SD)** - Transparent and highly elastic. Suitable to be used in combination with Aquasol Rubbermax White SD for colour prints. Suitable to be used for tone and process printing.

**Application Procedure**

Aquasol Rubbermax White/Clear (SD) are thixotropic and can become more viscous when left standing for prolonged periods of time. However, the viscosity will reduce with stirring or agitation during the usual process of printing. Small amounts of clean water can be added to reduce viscosity if necessary. Aquasol Rubbermax White/Clear (SD) are suitable for silkscreen prints with screen mesh sizes of 100-130. After ambient drying for 4-6 hours, the prints are fully cured at 135°C for ~2 min. or heatpress at 135°C for 10 s. Aquasol Fixer NF can be added at 1-3% to further improve wash/colour fastness if necessary. Prints with Aquasol Fixer NF should be washed at least 24 hrs. after heat cure. For optimum results test prints after 72 hrs.

**Storage**

Do not exceed one year from date of manufacture. Protect from frost (>5°C). Keep lids tightly closed at all times after use.