

Chemical solutions for screen printing

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Chemicals in a nutshell

- **SAATI Chemicals** division formulates and manufactures a wide range of screen making and reclaiming chemicals.
- **SAATI Chemicals** products fit with SAATI Printing mesh
- Environmentally friendly



SAATI Chemicals products include a wide range of complete solutions for screen printing such as:

- Emulsions
- Adhesives
- Mesh Pre-Treatments & Degreasers
- Capillary films
- Blockouts
- Reclaim products





Main applications

SAATI Chemical products are projected to meet the most demanding needs of fast growing screen-printing segments.

Graphics









Glass







Electronics







Textile



Ceramics









Adhesives





- Product range: Ultrafix SB Plus, Ultrafix CA™ and Saatifix Plus
- Suitable for wide range of applications,
 mesh counts, and reclaiming requirements
- Outstanding adhesion to both metal and wood frames
- Adhesive removers & debonders are available for any need.





Mesh pre-treatments & degreasers



DIRECT PREP

- Developed to clean and prepare screen mesh surface
- Film lamination and coating improvement
- Suited to every screen mesh
- High stencil performance assured







Emulsions technology features

DIAZO TECHNOLOGY

- Renewed formula
- Possibility to achieve very good solvent or water resistance
- High resolution guaranteed
- Very flexible
- Competitive way to make stencil

PURE PHOTOPOLYMER TECHNOLOGY

- Pre-sensitizer and ready to use
- Long shelf life
- Humidity-prone
- Ideal for exposure of large print format with a single or low power lamp

DUAL& TRIPLE-CURE TECHNOLOGY

- 2 and 3 curing systems (light-sensitive photopolymer, reactive resins and traditional sensitizer)
- Solvent and water resistant
- Superior mesh bridging and resolution







Emulsions: product line



- SAATIGRAF (Graphic & Electronics)
- SAATITEX (Textile)
- **SAATIVIT** (Glass)
- **SAATIKER** (Ceramic: Pottery & Tile)
- Full package for CTS application





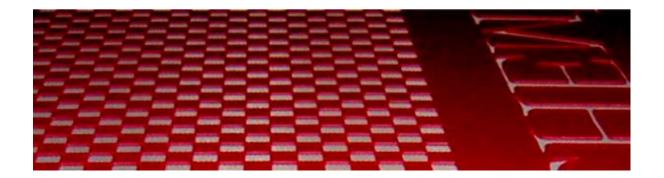
Capillary & Thik Films

CAPILLARY FILM

- Thickness range from 12 up to 50 μm
- Shorter exposure time
- Great resolution and definition
- Limited thickness and definition
- Long shelf life

THIK FILM

- Thickness range: 100-200-300-400-700 μm
- Easy to handle
- Great print quality
- High Definition guaranteed
- Ideal for high-density printing
- Excellent durability







Blockouts – Finishing products





FINISH

- No solvents
- Filling power increase
- Odor free
- Smooth & uniform spreading
- Ideal for covering open mesh areas and pinholes
- Easy to use
- Available blockout for both solvent and water resistance

FIXER

 Improves water & solvent resistance of the emulsion, especially with Triple-Cure





Reclaiming products



REMOVE

- Engineered to clean every type of ink and emulsion from mesh
- Screen recycling without risk for the mesh
- High performance in small doses
- Mint condition results

Product line:

- ER Emulsion remover
- IR Ink remover
- PW Press wash
- HR Haze remover

