



Color & Comfort by Chemistry

## TECHNICAL INFORMATION

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### Ryudye<sup>®</sup>-W Assister AM Conc

### Anti-Migration Agent

#### [Main Application]

Anti-migration agent for fabrics which is migrationable, is suitable for hand and machine printing.

#### [Storage Stability]

Stored in a cool and dry place for one year, recommend to store at temperature between 0~40°C.

#### [Environmental Criteria]

1. Fulfill Formaldehyde criteria of Japan Law 112 (Showa 49-34);
2. Fulfill APEO criteria of EU Directive (2003/53/EC);
3. Fulfill Phthalate criteria of EU Directive (2005/84/EC);
4. Fulfill Heavy Metal Criteria of EN-71 Part3:1994;
5. Not detected PVC (Test Method: FTIR);
6. Fulfill AZO criteria (not exceed 20mg/kg) of China Directive (GB18401-2010);
7. Fulfill SVHC (2014 Edition) of EU Reach.

#### [Typical Formulation]

Ryudye <sup>®</sup> -W Assister AM Conc	20-40
Ryudye <sup>®</sup> -W Clear Binder / Bottom Binder	80-60
Ryudye <sup>®</sup> -W Fixer	X
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Total (Weight %)	100+X

#### [Printing Process]

Handwork	: 600-800 mesh screen, 60 degree knife, printing 3 times
Machine	: 600-800 mesh screen, 60 degree knife, printing 2 times
Heat Treatment	: 130-150 °C, 2-3mins

#### [Matters Needing Attention ]

1. In order to ensure excellent fastness, we advise adding the right amount of crosslinking agent Ryudye<sup>®</sup>-W Fixer J-52 (Long-time limiting, 24Hrs, 1.0-3.0%), Ryudye<sup>®</sup>-W Fixer C (Short-time limiting, 8Hrs, 0.5-1.0%) or Dexcel<sup>®</sup> GKC Conc (No-time limiting, 2.0-4.0%);
2. In order to prevent drying too quickly and cause block up the screen when the humidity is too low (e.g. Autumn or Winter), you can add 1-3% wetting agent (Ryudye<sup>®</sup>-W Assister 502 or urea);
3. All matters in this instructions is obtained based on the standard test method, so in order to avoid any difference, the user must test according to their own use method and requirements before the product used for production.