TUSI HAYTHAM BIO LIMITED
Chemistry for a Greener Planet

Technical Data Sheet

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FIXACRYL™ Series – FIXACRYL SR

Padding / Interlining Resin – Soft
Manufacturer: Tusi Haytham Bio Limited

Product Description:

FIXACRYL SR is a high-performance soft padding and interlining resin designed for textile finishing applications. It provides soft hand, excellent drapability, and moderate crease resistance, making it ideal for garments, interlinings, and delicate fabrics.
FIXACRYL SR ensures uniform resin deposition, fabric smoothness, and a durable finish without stiffness.

Key Performance Properties:

- **Provides soft and flexible fabric finish.**
- **Enhances fabric drapability, handle, and body.**
- **Uniform application with minimal yellowing.**
- **Compatible with common textile auxiliaries and finishing processes.**
- **Suitable for padding, coating, and interlining applications.**

Typical Properties:

Property	Specification
Appearance	Clear to pale yellow liquid
Solid Content	30 – 40 %
pH (25 °C)	4.5 – 6.0
Viscosity (25 °C)	150 – 400 mPa·s
Solubility	Fully miscible in water
Stability	Stable under normal storage and processing conditions

Application:

- **Apply FIXACRYL SR through padding, coating, or interlining processes.**
- **Typical pickup: 5 – 15 % owf, depending on fabric type and desired softness.**
- **Cure fabric according to process requirements (temperature and time) for optimum finish.**
- **Compatible with softeners and other finishing auxiliaries; optimize formulation via lab trials.**

Precautions:

- **Avoid direct contact with eyes and skin; wear protective gloves and eyewear.**
- **Do not mix with strong acids or oxidizing agents without dilution.**
- **Store in tightly sealed containers to maintain product quality.**

Packing Size:

Available in 25 kg, 60 kg, and 200 kg HDPE drums.

Storage:

- **Store in a cool, dry, ventilated area below 40 °C.**
- **Shelf life: 12 months from date of manufacture in unopened containers.**
- **Check product label for “Best use before end” date.**

Issued by:

Tusi Haytham Bio Limited – Technical Division
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Category: Padding / Interlining Resin – Soft