

ORIBAIN STS0314-1

1. Features

STS0314-1 is a one-component hardening type of acrylic resin solution designed for skin-contact applications.

2. Specification

Subjects	STS0314-1
Appearance	Clear ~ Transparent viscous liquid
Solid content	50.0 ± 1.0%
Viscosity	4,000 ± 1,000 cps
Solvent	Ethyl acetate, IPA, MEK

3. Usage Instructions

Coating weight: 50 g/m² (as dry)

Dry up: 105°C for 2 min.

Aging: More than 7 days at room temperature after coating and drying

4. Performance

Standard Determination

Subjects	STS0314-1	
180° Peel Adhesion to HDPE 12 in./min; 23°C/50% RH	20 min.	1.25 lb./in. CP
	24-hr.	1.40 lb./in. CP
180° Peel Adhesion to SS 12 in./min; 23°C/50% RH	20 min.	3.10 lb./in. CP
	24-hr.	3.90 lb./in. CP
Static Shear Strength to SS 1" x 1", 1kg, 23°C/50% RH, 24-hr.	Pass 0.3mm	
Loop Tack to SS	3.0 lb./in.	
Moisture Vapor Transmission Rate Upright Payne Cup Method; 40°C/40% RH Tested on a spunbonded, non-woven polyester fabric	300g/m ² /day	
ISO 10993-5	Pass	

Base Material: Commercially available 50µm polyester substrate unless noted otherwise.

Liner: Commercially available liner

5. Handling and Storage

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| Storage | : | Store this product in the warehouse for dangerous products.
Protect this product from high temperature and direct sunlight. |
| Handling | : | Do not handle or store near an open flame, sources of heat or sources of ignition.
Keep container closed. Use only in the well-ventilated areas and wear proper protection equipment to avoid skin contact and vapor inhalation. |

6. Safety

The adhesive passed cytotoxicity test conducted by an independent laboratory. Additional safety information is available upon request.

* The general description, recommended uses, application data and statements in the product literature and label are guidelines only. Users should test this product in advance to verify suitability for particular uses.