

## **ORIBAIN STS 0133TX**

### **1. Features**

STS 0133TX is two component hardening type of acrylic resin solution.

### **2. Specification**

Subjects	STS0133TX	BHS 8515TX
Appearance	Light-yellowish opaque viscous liquid	Light-yellowish transparent liquid
Solid content	53.0 ± 1.0 %	37.5 ± 1.0 %
Viscosity	7500 ± 1500 mPa·s	—
Solvent	Ethyl acetate/MEK	Ethyl acetate

### **3. Usage Instructions**

Mixing rate: 100g of STS 0133TX / 3.0g of BHS 8515TX

Coating weight: 50 g/m<sup>2</sup> (as dry)

Dry up: 105 °C for 2 min

Aging: More than 7 days at 23°C-50%RH after coating and drying

### **4. T-VOC Data µg C / g (VW50180 standard)**

Test items	STS 0133TX	Conventional PSA
Trial 1	17	309
Trial 2	18	310
Trial 3	17	302
Report Value	17	307

Test method: PV 3341-1995 method, Analysis was performed by HS-GC-FID.

## 5. Performance

### Standard Determination

Subjects	Coating weight: (as dry)		50 g/m <sup>2</sup>			50 g/m <sup>2</sup>
	Main polymer		STS 0133TX			Conventional PSA
	Hardener: BHS 8515TX		2.5 wt%	3.0 wt%	4.0 wt%	2.5 wt%
180° Peeling strength at 23°C-50%RH (lb/inch)	to SS	20min dwell	4.29 CP	4.16 CP	3.96 CP	4.68 CP
		24hrs dwell	5.08 CP	4.97 CP	4.5 CP	4.83 CP
	to PP	20min dwell	0.45-2.25 Z	0.34-2.14 Z	0.27-1.89 Z	0.34-1.60 Z
		24hrs dwell	0.67-3.48 Z	0.56-3.39 Z	0.29-2.50 Z	0.56-3.30 Z
Shear (mm/20hrs)	to SS	at 80°C-1kg	Pass 3.5mm	Pass 1.5mm	Pass 0.5mm	Pass 1.5mm
Ball tack (J. Dow method)		at 23°C-50%RH	8	7	7	7

CP: Clean Peel, Z: Zipping

Base material : Commercially available 2mil PET film

Liner : Commercially available laminated release paper liner

## 6. Handling and Storage

- 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.

\* 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.