

## Oribain BPS 6080TX

### 1. Features

BPS 6080TX is two components hardening type of acrylic resin solution. This product has the attestation by “Japan Paint Inspection and testing Association” about the diffusion velocity of Formaldehyde. (F\*\*\*\*)

### 2. Specification

Subjects	Major polymer solution (BPS 6080TX)	Additive hardening agent (BHS 8515TX)
Appearance	Light-yellowish transparent viscous liquid	Transparent liquid
Solid content	45.0 ± 1.0 %	37.5 ± 1.0 %
Viscosity	8500 ± 1500 mPs	--
Solvent	Ethyl acetate	Ethyl acetate

### 3. Usage Instructions

Mixing rate: 1kg of BPS 6080TX / 25g of BHS 8515TX

Coating weight: 25g/m<sup>2</sup> (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

Item			BPS6080TX / BHS8515TX =100 / 2.5
180° Peel (lb/inch)	to SS	Initial	3.66
		24hr	4.27
	to HDPE	Initial	1.66
		24hr	1.82
Shear 1kg/in <sup>2</sup>	(mm/70000sec)	at 80C	0.6
Ball tack (J. Dow method)			#5

Tack film for determination was prepared with commercial polyester base film of 50micrometer thickness and commercial polyester release liner.

**Out gas Data**

Gas	Out gas (µg/m <sup>3</sup> )	Guide line of MHLW
Formaldehyde	ND (<1.96)	<100
Acetaldehyde	ND (<3.92)	<48
Toluene	ND (<0.84)	<260
Xylene	ND (<0.84)	<870
Ethyl benzene	ND (<0.84)	<3800
Styrene	ND (<0.84)	<220
Dichlorobenzene	ND (<0.84)	<240
Tetradecane	ND (<0.84)	<330
Dibutyl phthalate (DBP)	ND (<0.84)	<220
Bis(2Ethylhexyl)Phthalate (DEHP)	ND (<1.4)	<120
Chlorpyriphos	ND (<0.002)	<1
Diazinon	ND (<0.0025)	<0.29
Bassa (BPMC)	ND (<1.12)	<33

Test method: According to JIS A1901:2003.

Test piece Preparations: 66.5g/m<sup>2</sup>-dry on 50µm of PET film by above drying and aging conditions.

**5. 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.