

# **FPA-3(KAI)2 under Product manual**

Available material : PS ABS  
Curing condition : Heat drying  
Main application : Toy Ornaments  
Feature : Low heat dry type Weak solvent  
Phthalic acid free  
Resin type : Oil based



## Coating application

Item		Evaluation criteria		
How to paint		Spray		
Dry film thickness		8±5 μm		
Paint viscosity		8.1seconds (at20°C IWATAcupNK-2) ±1seconds		
Proper thinner		U-200	5 ~ 10 %	Improved workability/Weak solvent
		UL-200	5 ~ 10 %	Improved smoothness
Dry condition	Setting	1~5 minutes		
	Temp/Time	60°C×60 minutes		

## Performance

◇Following test preparation condition

FPA-3(KAI)2 coating, after that dry heating(60°C×60minutes)

After vacuum deposition Aluminum, coated the TOP coat of ST-32NPA(KAI).

Test item	Test condition	Material	Appearance	Adhesion
Initial	Appearance evaluation Test of adhesion	PS ABS	Passed	100/100
Moisture resistance	40°C95%RH×72H Visually and adhesion evaluation	PS ABS	Passed	100/100

※The above test results are the evaluation of our testing machine, we do not guarantee the coating film performance during use.

※Performance is depending on the top coat, please confirm kind of top coat before use.

※Scotch tape : Adhesion test used by NICHIBAN (wide:24mm)

※Precautions : Oil based paint has a possibility of natural ignition.

Waste or Paint dusts are sure to incinerate or put it in a container with water.

※Expiration date : 6 months from manufacture (storage condition : less than 40°C)

※Packing size : 14.5KG (In case of export : consultation required)

TOYO KOGYO TORYO CO., LTD.  
ADDRESS: 2-4-22 TAJIRI, ICHIKAWA-SHI CHIBA-KEN, 272-0014 JAPAN  
TEL:81-47-379-2235 E-mail: eigyou@toyo-jupiter.co.jp