شرکت صنایع شیمیایی آذین بسپار سپاهان
(Pu Adhesive, Polyol, Saturated polyester)
تولید کننده انواع پلی ال ها، پلی استرهای اشباع، چسبهای پلی یورتان
سهامی خاص ثبت ۴۸۴۶۱

Solvent laminate adhesive APSHHP+SBL

APSHHP+SBL polyurethane adhesives are widely used in manufacturing food-packaging laminates which need high temperature sterilization. They have high performance such as 121℃ resistance, 40 minutes high-temperature cooking. The advantages include the high solid content, low viscosity and high peel strength. it can be applicable to the high, medium and low speed compound machine of dry composite.

Health and Food Safety Certificate HACCP to number HACP51107001

TECHNICAL PROPERTIES:

Product Spec	N-65 (hardener)	APSHHP+SBL
Appearance	color less	slightly yellow
Solid Content	65-67%	65%
Viscosity Cp@25c	1100-1200	400-+700
Solvent	ethyl acetate	ethyl acetate
Storage Temp	15-25c	15-25c
Shelf Life	3month	12month
Package	220kg barrel	220kg barrel

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شرقی – نبش فرعی پنجم – پلاک ۱۳
تلفن : ۷-۰۳۱-۴۶۴۱۲۴۱۵
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Instruction:

1. **Use ratio: main agent : curing agent : solvent ——> 5 :1 : 5~8**

2. Adhesives dilution method and working concentration

(۱) Dilution method: put ethylacetate in to the main agent, mix and then add curing agent fully mixing

(۲) Working concentration: Ordinary adhesives in the 25% ~30%, streaming adhesives in the 28% ~ 35%

3. when main agent mixed with curing agent, please run out in six hours. When the temperature belows 5℃, the mixture could be extended to 12 hours. However, when the mixture appeared turbid or high viscosity, it could not used.
4. Substrate surface shuold clean and dry, and no dust pollution. Plastic film surface should be treated by the corona to make its surface tension above 40 dyne/cm. It can obtain the ideal bonding effect.
5. Coating quantity: It depends on the product usage, dry adhesives coating quantity generally was 3~4g/m^2. The material containing aluminum foil should be cooked at 121℃. Coating quantity should be 4~5g/m^2.
6. Complex: The temperature of the composite films usually controls in 50~100℃. Transparent film compound is easily influenced by heat, the complex temperature is 50~60℃. The complex temperature for aluminum film is 80~100℃, and others are 70~80℃. Humidity generally controls in 50%~70%, high humidity would greatly influence the adhesive performance.

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7. Dry: In order to make the solvent in the film coated with adhesive evaporation, the film should be through the drying devices. The air flow, speed and the temperature should be controled.
8. Aging: The composite products after compund treatment should be send to the aging room and they can attain the bonding strength. The temperature was 50~60℃. The aging time is more than 24 hours. For cooking productsm, the aging time is more than 48 hours.

User Guide (notice for use)

١/ Polyurethane adhesives belong to flammable solid. No open flames.

2. If open the package of the products, please run out in a short time. Curing agent easily absorbs moisture and goes bad. The products should be pay attention to dry, sunscreen and sealed storage.
3. Polyurethane adhesives should avoid mixing with solvent containing lively hydrogen, such as water, alcohol and amine.
4. The storage period of main agent is one year. It must be stored in the shadows. If it expires bu not go bad, it still can continue to use
5. If the printing ink or the supplier changes, the test should be done again