



上海世秀化工有限公司

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## 产品说明书

### SX-511C（耐黄变）

类型： 水性聚氨酯胶黏剂

特性： SX-511C 是一种高固含量高分子量的水性阴离子型聚氨酯分散体，是一种热活化型聚氨酯粘合剂，广泛用于家具、汽车、制鞋，对多种材质表现出优良的粘接性能。该品具有较低的活化温度，具有较好的初期粘接强度。

外观： 乳白色明显蓝光

#### 产品基本性能

性质	指标值	单位
固含量	50±2	%
粘度	100~600	mPa. s/25°C
PH	6.0~8.0	
密度	约 1.07	g/cm <sup>3</sup>
最低活化温度	约 47~52	°C
单组分耐温度	约 80	°C

应用： U511C 对许多天然基材和人工合成基材都具有优异的粘接性能，特别水性鞋胶、水性汽车内饰胶。添加 2-5%（重量比）的水性聚异氰酸酯固化剂，可提高粘接的粘接强度、耐热性能、耐水性能、耐油脂性能等，固化剂在粘胶剂使用前加入，需要分散均匀，混合好固化剂的粘胶剂需要注意可操作时间。水性乳液容易形成不可再分散的胶粒，在使用前，特别是喷涂前，调配好的胶粘剂必须经过过滤，以除去胶粘剂中可能形成的聚合物颗粒。

包装： 20kg 塑料桶，50kg 塑料桶，120kg 塑料桶

储存： 储存在原装密闭容器中，产品保质期为 6 个月。产品应储存在 5°C-30°C 的环境温度

下，避免储存温度超过 30℃，或低于 5℃，否则产品将冰冻凝固失效。包装的容器必须密闭，同时避免阳光直射，按非危险品储运。

安全： 该产品对健康和环境没有危害，是环保型产品。

## Product Instruction Booklet

### SX-511C (Yellow Resistant)

**Type:** waterborne polyurethane adhesive

**Features:** SX-511c is a kind of high solid content, high molecular weight, water-borne anionic polyurethane dispersion, and a kind of heat activated polyurethane adhesive. It is widely used in furniture, automobile and shoemaking, and has excellent bonding performance for various materials. The product has low activation temperature and good initial bonding strength.

**Appearance:** milky white clear blue light

#### Basic product performance:

Solid content:	50 ± 2%
Viscosity:	100-600 MPa. S / 25 °C
PH :	6.0~8.0
Density:	About 1.07 g / cm <sup>3</sup>
The lowest activation temperature :	About 47-52 °C
Single component temperature resistance:	About 80 °C

**Application:** SX-511c has excellent adhesion performance to many natural and synthetic substrates, especially water-based shoe adhesive and water-based automobile interior adhesive. Adding 2-5% (weight ratio) of water-based polyisocyanate curing agent can improve the bonding strength, heat resistance, water resistance and grease resistance of the adhesive. Before using the curing agent, it needs to be evenly dispersed. When mixing the curing agent, it needs to pay attention to the operation time. Waterborne emulsion is easy to form non dispersible colloidal particles. Before use, especially before spraying, the adhesive must be filtered to remove polymer particles that may form in the adhesive.

**Packaging:** 20kg plastic barrel, 50kg plastic barrel, 120kg plastic barrel

**Storage:** the product is stored in the original sealed container with a shelf life of 6 months. The product shall be stored at the ambient temperature of 5 °C - 30 °C, avoiding the storage temperature exceeding 30 °C or below 5 °C, otherwise the product will freeze and freeze. The packaging containers must be sealed and protected from direct sunlight. They should be stored and transported as non-dangerous goods.

**Safety:** This product has no harm to health and environment. It is an environmental protection product.