

Technical Data Sheet

Skin Safe Silicone Rubber for Sex dolls & Body Double Casting

1. DESCRIPTION

BBN L8 series skin safe silicone rubber is a kind of liquid RTV-2 platinum cured mould making silicone rubber with two parts while part A is the silicone rubber and part B is the curing agent.

L8 series skin safe silicone is environmental friendly, nontoxic and odorless, no side effects to human body. It is ideally for making artificial hyper-realistic adult sex toys such as silicone love dolls, silicone dildos, 3D masturbators, masturbation toys, silicone buttocks, silicone breast pads, etc.



2. APPEARANCE

Part A: Non-toxic and odorless liquid in translucent/skin color.

Part B: Non-toxic and odorless liquid in translucent color.

ATT: We do any curing time and any color as you requirements.

3. FEATURES

- ☆ Amazing fluidity and easy to operate and de-mold
- ☆ Platinum cured (environmental, odorless and nontoxic)
- ☆ Good tear and tensile strength
- ☆ Excellent resistance to weather, temperature, acid and alkali
- ☆ Nil shrinkage rate ($\leq 0.1\%$)
- ☆ High resistance to high temperature & aging (resist -60 to 250°C)

4. PARAMETERS

Model No.	L800	L805	L810	L815	L820
Mixing Ratio (by weight)	1:1	1:1	1:1	1:1	1:1
Appearance/Color	Skin color	Skin color	Skin color	Skin color	Skin color
Hardness (Shore A)	0±2	5±2	10±2	15±2	20±2
Mixed viscosity (mPa·s)	2,000±1,000	3,000±1,000	3,000±1,000	3,000±1,000	4,000±1,000
Working Time (at 25°C/77 F, MINS)	20	20	20	20	20
Curing Time (at 25°C/77 F, HRS)	1~2	1~2	1~2	1~2	1~2
Tensile strength, Mpa	≥1.5	≥2.0	≥2.2	≥2.3	≥2.5
Tear strength, KN/m	≥8	≥10	≥13	≥15	≥18
Elongation at break, %	≥550	≥550	≥500	≥500	≥500

Notice: We can adjust other viscosity and colors according to your needs.

5. HOW TO USE

1) Mixing

Dispense the parts A and B according to the ratio 1:1 by weight into a clean container and mix them thoroughly. Vacuum degassing is suggested to eliminate any entrapped air in liquid rubber.

2) Pouring

Pour or inject the silicone rubber in a single spot into the sex dolls silicone molds. You can choose the one as your preference. The flow ability will decrease after mixing, pouring the material asap.

3) Curing

BBN L8 series silicone rubber will cure at room temperature(25 °C). High temperature will reduce cure time, low temperature will increase the cure time or result in uncured.

6. NOTICES

1) Read the material safety data sheet(MSDS) before use.

2) Keep Out Of Reach Of Children.

3) Use only with adequate ventilation and avoid contact with eyes. In case of eye contact flush thoroughly with water. If irritation persists gets medical attention.

4) Please avoid the sex dolls silicone rubber contacting or mixing with following materials in case of cure inhibition.

☆ Liquid condensation silicone (condensation silicone not completely cured or organic tin compounds) ;

☆ N, P, S organic compounds;

☆ Ionic compounds of elements such as Sn, Pb, Hg, As, etc;

☆ Contains alkynes and polyvinyl compounds.



7. PACKAGE

- 1) General size packages: 20kg/pail, 25kg/pail, 200kg/pail

8. MOLD PERFORMANCE

The physical life (duplication times) of the mold depends on how you use it (materials cast, frequency, etc). Before storing, the mold should be cleaned with a soap solution and wiped full dry.

9. TRANSPORTATION AND STORAGE

- 1) Sex dolls silicone rubber is non-toxic, odorless, non-flammable, noncorrosive harm, can press the non-dangerous goods and shipping.
- 2) Shelf life would be ten(10) months when stored under dry and cool place by original package under 25°C well preserved.