

## PVC CAR UNDERBODY SEALANT

Code No: UD 6493

### General Properties:

This product is specially made to be used under car bodies and this one is a type which can be baked in low temperature. One of the most remarkable factors is that it is very much resistant to any weather circumstances specially chemicals, acids, base and salts. In the meantime it is so resistant to impulses generated from broken stones plus having sound proofing characteristics. This product is quit odorless without any sedimentation and has a homogenized figure and there will be no changes seen cause of time passing means that there will be no exceeding in viscosity.

It is very easy to be applied by airless and atomized and because of having ticsotropic property, there will be no greeding and can easily flow inside the pipes.

This sealant is completely filtered so there will be no problem in airless 's nozzles so it will make production process faster.

### Technical specification:

Color: Black or gray (according to the customer's order)

Reology: Ticsotropic – 27000~ 60,000 in 21/4

Density: 1.35 ±0.05

Nonvolatile material %: 98± 2

Nonvolatile material (weight percent %) after being in the temperature 160C. = 96±1

Ash percent after being in 800 C = 32±0.5

Baking time and temperature: 130-150 C for 20-40 min.

Adhesion after being bakes in 150 C for 20 min:

- On electrode position primers ( ED) : magnificent
- On ordinary 2 pack primers and furnace primers: magnificent
- On steel alloys without any coating: good

Mandrel bending test: 5 mm mandrel – dry film thickness = 1mm – OK

Impulse test: at least 10 inch for 2 pounds

Humidity test: at least 500 hrs. in RH= 95% and 50 C

Salt spray test: at least 500 hrs in salty environment

Application method: Airless French curve

Packing: 200 lit drums.

Storage condition: In temperature less than 25 in dry climate away from humid climate and away from direct sunrays for at least 6 months.