



## US-SP-1794

### Heavy Bodied Automotive Silicone RTV Gasket Maker

**US-SP-1794** is a fast curing, heavy bodied silicone RTV adhesive rubber. This product was developed for applications requiring fast development of physical properties and fast unprimed adhesion. This is a 1-Part silicone that allows handling of the bonded assembly within one hour of application to the substrate. When cured, the elastomer resists typical automotive fluids and high temperatures. Works well in manual and automatic dispensing equipment.

#### Product Features

- Fast Room Temperature cure
- Thixotropic, heavy bodied paste
- Excellent unprimed adhesion to most plastics, metal and glass
- Non-corrosive oxime cure
- Rapid onset of adhesion
- High temperature resistance
- Temperature range -65 to 260C

**Color:** Black (custom colors available upon request)

#### Typical Applications

- Form in place gaskets
- Adhesive Sealant
- Automotive assembly and MRO

**Chemical cure system:** Oxime cure system

#### Typical Properties

##### Uncured

Viscosity, cps: 700,000    Specific Gravity: 1.32    Consistency : thixotropic paste  
 Working time, in minutes, at Room Temperature: 5  
 Tack Free Time, in minutes, at Room Temperature: 10

##### Cured 24 Hours at Room Temperature

Tensile Strength, PSI: >250    Elongation, %: >350  
 Durometer, Shore A: 32    Peel Strength, PPI: 30    Tear Strength, PLI: 30

**Method of Application:** Dispense sealant onto part and mate parts. Do not squeeze all the product out of flange assembly. Allow to cure.

**Curing:** Cure speed can be accelerated with increased humidity to very rapid cures exhibiting surprisingly fast adhesion. Typical utilization involves dispensing in open air with exposure to ambient humidity. This method of application will result in a room temperature cured elastomer with very high adhesive properties.

**Solids:** 98% solids, contains no solvents

**Adhesion:** Primerless adhesion to most plastics, metals and glass

**Service temperature:** -65°C to 260°C

**Limitations:** Do not use product on head gaskets or fuel immersion applications. Allow to fully cure before putting assembly into service. Ensure enough product remains between flanges to be effective in an assembly.

**Packaging:** Available in 2.8 & 5.5oz squeeze tubes, 6.25oz sem kit cartridges, 10.3 oz. cartridges, 50 lb. pails and 500 lb. drums. This product is also available in customer defined packaging sizes, upon request.

**Handling and safety:** For maximum shelf life, keep containers sealed when not in use. Keep out of the reach of children. Uncured sealant irritates eyes and skin. Refer to MSDS.

#### Applicable standards and O.E.M. part number interchange

- Chrysler - 4206070, 4318025
- Ford - D6AZ-19562-B, E8AZ-19562-A, WSE-M46320-A2
- G.M. - 9985675, 1052751, 1052917, 12345739

**Shelf-life:** Sealed containers guaranteed for 1 year from the ship date when stored in a cool dry area below 70°F.