



US-MSK-114

Masking RTV Peelable Silicone Rubber

US-MSK-114 is a peelable silicone RTV rubber developed for applications requiring a form fitting temporary protective cover. This is a 1-Part silicone adhesive that when applied to the substrate, cures to a pliable, removable, protective covering within a day. When cured, the elastomer resists weathering, ozone, moisture, UV and high temperatures. Works well in automatic and manual dispensing equipment.

Product Features

- Fast Room Temperature cure
- Light paste
- Clean release from plastics, metals, and painted wood
- Non-corrosive oxime cure

Color: Translucent (custom colors available upon request)

Typical Applications

- Peelable protective covering for sandblasting.
- Metal masking for plating operations
- Temporary weather stripping

Typical Properties

Uncured

Viscosity, cps: 80,000 Specific Gravity: 0.98 Consistency : light paste
 Working time, mins. at Room Temperature: 8
 Tack Free Time, mins. at Room Temperature: 20
 Application Rate, 90 PSI, g/min. >400, 3mm orifice at 0.6 MPa

Cured 72 Hours at Room Temperature

Tensile Strength, PSI: 100 Elongation, % :100
 Durometer, Shore A: 30

Method of Application: Dispense onto areas that require masking. Allow product to cure before using parts.

Chemical cure system: Oxime cure system

Curing: Cure speed can be accelerated with heat and increased humidity to very rapid cures. Typical utilization involves dispensing in open air and after exposure to ambient humidity, a room temperature cured, protective elastomer is formed.

Packaging: Available in 2.8 & 5.5oz squeeze tubes, 6.25oz sem kit cartridges, 10.3 oz. cartridges, 40 lb. pails and 55 gallon drums. This product is also available in customer defined packaging sizes upon request.

Solids: 98% solids, contains no solvents

Adhesion: Adhesion to most plastics, metals and painted wood. Offers a clean release when temporary use expires.

Service temperature: -65°C to +260°C

Limitations: Do not use product in solvent or fuel immersion applications. Allow to fully cure before putting assembly into service.

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.

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