



CUMING MICROWAVE

C-PRIME 215

RoHS
Compliant

TECHNICAL BULLETIN 230-1

SILICONE PRIMER FOR BONDING SILICONE SHEETS TO SUBSTRATES

C-PRIME 215 is a solvent based silicone containing compound, used to promote the adhesion of RTV silicone adhesives to a variety of substrates including metal and many plastics.

Cuming Microwave supplies C-PRIME 215 to be used with its C-BOND 255 silicone adhesive to bond silicone rubber sheets (such as C-RAM FLX, GDSS, FDSS, RGDS, and FF-2) to substrates to which a silicone adhesive normally would not adhere well

TYPICAL PROPERTIES

Color: Blue
Solids Content; 10%
Specific Gravity: 0.82
Solvent Base: Mineral Spirits
Flash Point: 39°C (102°F)

INSTRUCTIONS FOR USE

All surfaces to be bonded should first be thoroughly cleaned with a suitable solvent such as naphtha or methyl ethyl ketone (MEK) to remove dirt, oil and grease. When practical, surfaces should be wiped dry before application of the primer coating.

C-PRIME 215 may be applied by brushing, wiping, or dipping. A thin uniform coat of approximately 0.01 to 0.02mm (0.5 mils) thickness usually provides the strongest bond. A drying time of 1 hour at room temperature is recommended prior to application of the RTV silicone. On porous surfaces, a second coat may be needed. Allow at least one hour between coats.

Sufficient humidity must be available for proper drying; 50% relative humidity is recommended. Formation of a chalky white haze indicates adequate drying. Do not remove or contaminate this film prior to application of the RTV silicone.

AVAILABILITY

C-PRIME 215 is available in pint (0.95 l) and gallon (3.78 l) containers. It requires a DOT Combustible label for shipment.

Coverage will vary, but one pint covers about 5m² (50 ft²).

The information in this Technical Bulletin, although believed to be accurate is not to be taken as a warranty for which Cuming Microwave assumes legal responsibility, nor as permission or recommendation to practice any patented invention without license; it is offered for verification by the customer, who must make the final judgment of suitability for any application.

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05/31/07 page 1 of 1