



TECHNICAL BULLETIN #3071 – RTVS PRIMER 44 SILICONE PRIMER

Revised: 05/2018

PRODUCT DESCRIPTION

RTVS Primer 44 is a dilute solution of reactive silicone resins which can be used to improve adhesion of micro-electronic coatings various RTV silicones to a variety of substrates. It is also useful where a clear primer is desired. This primer may be used on metal, wood, glass, ceramics, and many plastics. The product works on the basis on improving the ability of the site to accept the silicone polymer.

PROPERTIES

COLOR	Clear
VISCOSITY, cps	1
SPECIFIC GRAVITY	0.83
SHELF LIFE, months	6
NONVOLATILE CONTENT, %	10
SOLVENT	Naphtha
FLASH POINT, °C (°F)	29°C (84°F)



chemical-concepts.com
800.220.1966
 410 Pike Road • Huntingdon Valley, PA 19006

INSTRUCTIONS FOR USE

RTVS Primer 44 is supplied in fast drying solvent mixture. The primer may be applied by dipping, brushing, or spraying. Thoroughly clean and degrease the surfaces to be bonded. Use a slightly abrasive pad to help clean the surface. A thin coat of between 0.01 and 0.02 mil is applied with one application. Allow between 30 and 60 minutes of drying time. Very porous surfaces may require 2 to 3 coats. Extremely low humidity conditions are to be avoided, as moisture in the air augments the performance of the primers, as evidenced by a slight haze in some cases.

SAFETY PRECAUTIONS

RTVS Primer 44 is flammable and should be kept away from heat and open flames. Avoid repeated or prolonged skin contact and use only with adequate ventilation. Avoid prolonged breathing of vapors. For best results, store below 90°F and keep containers tightly sealed to avoid moisture contamination.

IMPORTANT:

The following supersedes any provision in your company's forms, letters and papers. ITW PERFORMANCE POLYMERS makes NO WARRANTY, WHETHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE FOR THIS PRODUCT. No statements or recommendations contained in the product literature are to be construed as inducements to infringe any relevant patent, now or thereafter in existence. UNDER NO CIRCUMSTANCES SHALL ITW PERFORMANCE POLYMERS BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES FROM ALLEGED NEGLIGENCE, BREACH OF WARRANTY, STRICT LIABILITY OR ANY OTHER THEORY, ARISING OUT OF THE USE OR HANDLING OF THIS PRODUCT. The sole liability of ITW PERFORMANCE POLYMERS for any claims arising out of the manufacture, use or sale of its products shall be to refund the buyer's purchase price, provided such products have been demonstrated in ITW PERFORMANCE POLYMERS sole opinion, to justify such refund.

HEALTH CAUTION:

Avoid breathing possible fumes, mists and vapors which can cause severe respiratory damage. Use of NIOSH approved breathing apparatus is required for more than minimal exposure. Always work in areas with adequate ventilation to allow dissipation of polyamine and other chemical fumes, and where applicable, solvent fumes. Use of goggles, protective garments, rubber gloves, protective cream is required. If material gets into eyes, flush thoroughly with clean water for twenty (20) minutes; then seek medical treatment. Avoid skin contact. Material can cause contact dermatitis. Always wash exposed areas immediately, using warm water and soap, followed by rinsing with clean water. Observe all safety precautions. It is important when using solvent based materials or solvents to keep away from open flame or ignition source.

PLEASE REFER TO MATERIAL SAFETY DATA SHEET FOR FURTHER FIRST AID INFORMATION. FOR CHEMICAL EMERGENCY, CALL CHEMTREC (DAY OR NIGHT) 800 424-9300.



chemical-concepts.com

800.220.1966

410 Pike Road • Huntingdon Valley, PA 19006