



ADHESIVES & COATINGS, INC  
**QURETECH®**  
TECHNICAL DATA SHEET

Country Club Road, PO Box 628  
Grafton, WV 26354  
800-847-7773  
Fax; 304-265-5202  
www.dyna-techadhesives.com  
www.quiretech.com

Providing Advanced Water-based and Energy  
Curable Coatings and Adhesives  
For Over 25 Years  
Clean, Safe, Worker Friendly

# DynaPrime UV-4527

Interior primer for paper – Low odor

Developed using a proprietary resin technology that does not require the use of acrylate monomer diluents. The result is extremely low extraction potential with lower press side odor, improved worker safety and reduced potential for skin irritation. Formulated as an Energy Curable Primer for paper, it is recommended for food packaging and pharmaceutical applications where the potential for migration of residual components of the coating to the packaged material is a concern. Paper primed with DynaPrime UV-4527 provides a smooth print surface and excellent adhesion for most water based and UV curable inks and coatings. DynaPrime UV-4527 may also reduce curling of finished printed substrates.

## Physical Properties (as supplied)

Viscosity, as supplied	950 – 1050 cps @ 25°C, RVT #3 @ 10 rpm
Application viscosity:	As received
Weight per Gallon @ 23°C	9.22 lbs./gal
Wet color:	Light straw
Color after curing:	Clear, high gloss
Shelf life:	12 months from manufacture date

## Suggested Application/Cure Data

Application method:	Flexographic, offset gravure, reverse gravure and dampener coater
Recommended coating weight:	1.5 – 2.0 lbs. per 3000 square feet
Cure conditions:	60 ft/min/300 watts per inch lamp (100 millijoules/square centimeter)
Cleanup: products	Use cleaning methods and materials normally used with UV

## Typical Performance Properties

Adhesion	Excellent when tested with 610 tape
Gloss over C1S paper	90+

June 07

This product information is presented in good faith and is to the best of our knowledge, accurate. It is intended to be used as a guide and is not to be construed as a specification for products described herein. Dyna-Tech does not guarantee satisfactory results in any application from reliance upon this information and assumes no liability for any loss or damage arising out of its use. Dyna-Tech recommends that the user of our products thoroughly test them under end use conditions to assure that they meet the requirements of intended applications. Statements and methods described herein are based upon the best information and practices known to Dyna-Tech Adhesives, Inc. However, procedures for applications mentioned are suggestions only and are not to be construed as representation or warranties as to performance results. Nor does Dyna-Tech Adhesives, Inc. warrant freedom from patent infringement in the use of any formula or process set forth herein. The user must test performance for acceptability using their conditions.