

U-POL®

SYSTEM 20 HARDENERS UP237_ , UP238_ , UP239_

2K ISOCYANATE HARDENERS

Description	2K Hardener range for U-POL primers, clears and solid colours																																		
Instructions for use	Use at specified ratios (see specific product data sheets) Use grade for specific conditions. E.g.																																		
	<table border="1"> <thead> <tr> <th>Temp °F</th> <th><50°</th> <th>60°</th> <th>70°</th> <th>80°</th> <th>90°</th> <th>100°+</th> </tr> </thead> <tbody> <tr> <td>Hardener</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>UP238-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>UP239-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>UP237-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Temp °F	<50°	60°	70°	80°	90°	100°+	Hardener							UP238-							UP239-							UP237-					
Temp °F	<50°	60°	70°	80°	90°	100°+																													
Hardener																																			
UP238-																																			
UP239-																																			
UP237-																																			
VOC Information	System 20 hardeners must not be used on their own, they must always be mixed with a U-POL Clear coat, Primer or solid colour. For mixed Ready for use VOC see individual product data sheets.																																		
		As Packaged UP2371, UP2372, UP2373		As Packaged UP2381, UP2382, UP2383		As Packaged UP2391, UP2392, UP2393																													
	VOC Regulatory	113g/l	0.9lbs/gal	113g/l	0.9lbs/gal	113g/l	0.9lbs/gal																												
	VOC Actual	45g/l	0.4lbs/gal	44g/l	0.4lbs/gal	46g/l	0.4lbs/gal																												
	Volatiles	64.90% by weight		62.65% by weight		62.65% by weight																													
	Water	0% by weight	0% by volume	0% by weight	0% by volume	0% by weight	0% by volume																												
	Exempt Compounds	61.00% by weight	60.00% by volume	58.50% by weight	61.22% by volume	58.50% by weight	59.46% by volume																												
Density	1159g/l	9.7lbs/gal	1056g/l	8.8lbs/gal	1104g/l	9.2lbs/gal																													
Health and Safety Statement	<p>IMPORTANT: This product contains hazardous materials and therefore appropriate personal protective equipment should always be used. Please refer to the label and consult the material safety data sheet for full handling instructions and personal protection information. These are available via your local stockist or via the U-POL website at WWW.U-POL.COM. U-POL disclaim any liability where the user does not wear the recommended personal protective equipment.</p>																																		

U-POL®

Shelf Life	9 months shelf life in unopened containers. Lids must be replaced after every use.
-------------------	--

U-POL US, Inc., 630 Selvaggio Dr, Suite 300, Nazareth, PA 18064
Tel: (800) 340 7824; Fax: (800) 787 5150
Email: sales-us@u-pol.com Website: www.u-pol.com