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Subject: Sealing WSF Dice

Posted by [mctrivia](#) on Mon, 03 Oct 2011 01:42:44 GMT

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What would be the best way to seal a die made of WSF so it would be resistant to drink spills? Please note keeping the weighting of the die the same as before is important.

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Subject: Re: Sealing WSF Dice

Posted by [stannum](#) on Mon, 03 Oct 2011 02:22:12 GMT

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Acrylic varnishes, as the one used for pictures or miniatures, sold in small bottles or pots. They are normally white liquid but dry clear, and WSF will drink it. Marabu, Liquitex, Vallejo... those brands.

Of course, if you want fairness, get precision dice or better use a random number generator based in quantum noise. Plain dice sometimes have hidden bubbles, WSF properties vary with orientation.

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Subject: Re: Sealing WSF Dice

Posted by [mctrivia](#) on Mon, 03 Oct 2011 02:57:46 GMT

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The point is to seal dice made at shapeways. I design them to be as fair as possible. But WSF is porous and people want to know the best way to seal it without losing the fair aspect.

Buying non shapeways dice is not an option.

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Subject: Re: Sealing WSF Dice

Posted by [pfeiffer stylez](#) on Wed, 05 Oct 2011 08:48:29 GMT

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Two or three thin(!) layers of matt varnish.

For "heavy duty" dice a layer of gloss varnish and one or two layers of matt varnish.

I didn't use Marabu or Liquitex yet, but Vallejo products are fine for WSF prints.

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Subject: Re: Sealing WSF Dice  
Posted by [nexus6](#) on Thu, 24 Nov 2011 12:05:27 GMT  
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Can i spray an UV-Protective Varnish Spray like this:  
[http://www.canvasi.de/product\\_info.php/language/en/info/p61\\_UV-Schutzlack-SPRAY---600ml.html/XTCsid/ff119f42a66240646ec6\\_2b16fb5085ed](http://www.canvasi.de/product_info.php/language/en/info/p61_UV-Schutzlack-SPRAY---600ml.html/XTCsid/ff119f42a66240646ec6_2b16fb5085ed) over or under acryl clear varnish?

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Subject: Re: Sealing WSF Dice  
Posted by [Zoe Brain](#) on Thu, 08 Dec 2011 17:10:24 GMT  
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I face a slightly different problem regarding 1/144 aircraft, but with possibly the same solution.

I wish to get rid of the rough texture of WSF, while retaining the printed detail.

I do this by dipping in Feast Watson Weatherproof Polyurethane wood floor sealant. It makes the surface water-repellant.

For the aircraft, a further coating by brush is needed, but it's sealed by the first one.

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