



Application Guide

Product Description

This 1-Component Hard Surface Finish is easy to apply and provides a durable repairable finish. The finish has excellent chemical resistance with a low odor and low VOC.

Features and Benefits

- Excellent abrasion and chemical resistance
- Easy application and leveling
- Low Odor and VOC

Typical Properties

Appearance	White emulsion
pH	11.5
Viscosity	10 cps
Density	8.65

This information is not intended for use in preparing specifications.

Application(s)

- Hard Surface Floors
- Concrete
- Decorative Stone

Environmental Impact

The finish is a low VOC and low odor product utilizing safe and compliant binders and solvents.

Compliance

Please see the product's current Safety Data Sheet, SDS, for regulatory information. You can request an SDS at <https://indspyre.com/Home/Contact>.

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Starting Point Formulation

1-K Hard Surface Finish 82-2

Material	Pounds	% by Volume	% by Weight	Use
Add materials as listed and mix until homogenous.				
Water	423.62	50.76	48.86	Solvent
IndSurf Natura HP	0.42	0.05	0.5	Surface wetter
DOWANOL™ DPM	8.78	1.33	1.01	Solvent
RHOPLEX™ CS-4000	381.25	43.32	43.97	Acrylic resin
Add resin slowly at high agitation.				
IndProof MPS-54	52.95	4.53	6.11	Silicone resin
Total	100.00	100.00	100.00	

Formula Properties:

Specific Gravity (SG)	1.039	Total Pounds	867
Lbs. / Gal	8.67	Total Gallons	100
% Weight Solids	24.5	Coverage	400 sq ft/gal
% Volume Solids	22.4	Dry Time	Min. 30 mins
Grams VOC/liter less water	46.5	Gloss Level	N/A
Lbs. VOC/Gallon Less Water	0.39	Recoat Frequency	As needed (traffic cond.)

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Performance Data

1-K Hard Surface Finish

Performance Characteristics	Standard	Product
Viscosity	D2983	10 cps
Dry Time		2 hours
Coefficient of Friction	D2047	0.65
Chemical Resistance (1-5, 5 no stain)	D1308 (2 hours)	
▪ Mustard		5
▪ Ethanol 95%		5
▪ Red wine		5
▪ 7.5% Bleach solution		4
▪ Coffee		5
▪ Isopropanol 91%		4
▪ Orange juice		5
▪ Balsamic vinegar		4
▪ White vinegar		4
▪ Olive Oil		5
▪ Water		5

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Performance Characteristics	Standard	Ameripolish® 3D SP	PROSOCO® LSGuard	IndSpyre Topcoat 82-2
Viscosity	D2983	10 cps	10 cps	10 cps
Dry Time				2 hours
Coefficient of Friction	D2047			0.65
Chemical Resistance (1-5, 5 no stain)	D1308 (2hrs)			
▪ Mustard		3	5	5
▪ Ethanol 95%		4	5	5
▪ Red wine		4	5	5
▪ 7.5% Bleach solution		3	4	4
▪ Coffee		5	5	5
▪ Isopropanol 91%		4	4	4
▪ Orange juice		5	5	5
▪ Balsamic vinegar		3	3	4
▪ White vinegar		2	3	3
▪ Olive Oil		5	5	5
▪ Water		5	5	5

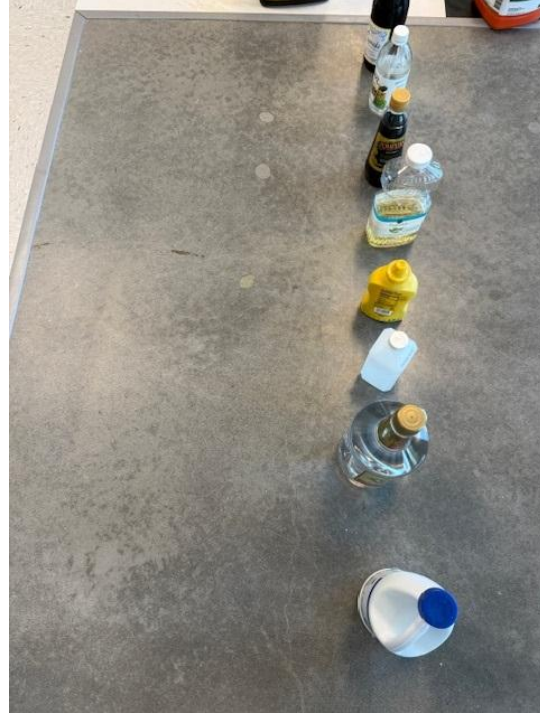
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PROSOCO® GuardLS | IndSpyre 82-2



Ameripolish 3D SP



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Formulation Suggestions

- **Solvents** – Glycol ether DPM is typically recommended. TPM can be used for slowing the system down in cure. Not to exceed 50 VOC.
- **Defoamers** – silicone type defoamers are most effective, such as BYK®-024, 094 or TEGO® Foamex 810 or 902W at a loading of 0.01 – 0.05%
- **Leveling agents** – silicone leveling agents such as BYK®-347, 349 or 3455 are most effective at a loading of 0.1 – 0.3%.

Raw Materials

- RHOPLEX™ and DOWANOL™ are Trademarks of Dow.

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