

Starting Formulation

SF 1703

Waterborne Clear Epoxy Coating

EPI-REZ™ Resin 6520-WH-53 / EPIKURE™ Curing Agent 6870-W-53

- Suggested Uses**
- Mar and slip resistant wood floor coating
 - Concrete floor sealer

- Features**
- High degree of mar and slip resistance
 - Non-HAP¹ formula
 - VOC² level of 1.70 lb/gal (204 g/l)
 - No induction period required

¹ HAP is the acronym for Hazardous Air Pollutant as defined by the U.S. Clean Air Act Amendments of 1990.

² VOC is the acronym for volatile organic compound as defined by the U.S. 40CFR51.100 (s).

Formula ¹	Material	Supplier	Pounds	Gallons
Part A				
	EPI-REZ Resin 6520-WH-53	Hexion	541.3	60.14
	DOWANOL® DPnB	Dow Chemical Company	37.8	4.98
	DOWANOL® PPh	Dow Chemical Company	37.8	4.29
	CARDURA™ E-10P	Hexion	14.0	1.75
	BYK 307	BYK Chemie	5.8	0.68
	Water		14.9	1.79
		Total Part A	651.6	73.63
Part B				
	EPIKURE Curing Agent 6870-W-53	Hexion	240.0	26.37
		Total Part B	240.0	26.37
		Total Part A & B	891.6	100.00

¹ Formulated at 1:1 stoichiometry (epoxy solids/amine solids).

Mixing Instructions

	Pounds	Gallons
Part A	651.6	73.63
Part B	240.0	26.37
Part A + B	891.6	100.00

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Typical Formulation Table 1 / Formulation Properties
Properties

	Units	Value
Mix Ratio Part A: Part B	by volume	2.79 : 1
	by weight	2.72 : 1
Total Weight Solids	%	49.2
Total Volume Solids	%	44.4
Volatile Organic Compounds (VOC)	lbs/gal	1.70
	g/L	204
Induction Time	min.	None

Storage Recommendations regarding storage conditions can be obtained by visiting our web site at www.hexion.com

General Information

These are starting formulations and are not proven in the user's particular application but are simply meant to demonstrate the efficacy of the products and to assist in the development of the user's own formulation. It is the user's responsibility to fully-test and qualify the formulation, along with the ingredients, methods, applications or equipment identified herein ("Information"), by the user's knowledgeable formulator or scientist, and to determine the appropriate use conditions and legal restrictions, prior to use of any Information.

Safety, Storage & Handling

Please refer to the MSDS for the most current Safety and Handling information.

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Contact Information

For product prices, availability, or order placement, please contact customer service:

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For literature and technical assistance, visit our website at www.hexion.com

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