

PRODUCT DATA SHEET

DUR-O-BOND® F9012VE

Fire Retardant Fillet & Radius Compound

PRODUCT DESCRIPTION:

- **DUR-O-BOND F9012VE** has a medium viscosity, and is a glass reinforced epoxy vinyl ester bonding compound engineered from a Class I Fire Retardant Resin.
 - Ideal for bonding FRP parts, gel coat back-up and radius / contour forming applications where flame resistance is required.
 - Excellent adhesion - **DUR-O-BOND F9012VE** bonds to multiple substrates in polyester and vinyl ester laminate applications, including FRP composites, wood and core materials.
 - Impact Resistant - **DUR-O-BOND F9012VE** is engineered with structurally reinforced fibers to provide maximum strength and resistance to cracking.
 - Adjustable Dry Times - **DUR-O-BOND F9012VE** is a two-component system, utilizing a MEKP hardener that may be regulated to adjust dry times.

PRODUCT SPECIFICATIONS:

- Color / Odor: Translucent with strong styrene odor
- Viscosity: [RVDVII, 5RPM, TE]: 500,000 cps avg.
- Weight / Gallon: ~ 12.0 lbs
- VOC wt/gl: 3.25lbs [VOC wt/gl post cure: 0 lbs]
- Shelf Life: 3 months unopened (25°C)

CATALYZATION / GEL TIMES:

Catalyst % by Wt. (MEKP)	Gel Time	Peak Temp.	Gel - Peak Exotherm. Time
2.0%	~ 20-25 min.	~ 275°F	~ 10 min.

Note: The above catalyzation results were obtained using a 100 g sample at 25°C (77°F).
 Incubator Temperature: 25°C(77°F); MEKP Catalyst = Syrgis MEKP-9 or equivalent.

<i>MEKP</i>	<i>Usage Guide</i>	<i>Quart</i>		<i>Single Gallon</i>		<i>5 gallons</i>	
		Volume (mL)	Weight (g)	Volume (mL)	Weight (g)	Volume (mL)	Weight (g)
	<i>Recommended Amount</i>						
	2.0 %	24.79	27.22	99.17	108.86	495.85	544.32
	<i>Recommended Amount</i>						
	2.0 %	0.84	0.96	3.35	3.84	16.76	19.20

DUR-O-BOND®
 BETTER ◉ STRONGER ◉ FASTER

NOTICE: Read all precautionary labels, MSDS guidelines and product warnings before using. The information contained herein is correct to the best of our knowledge and is subject to revision without notice. The data contained in this product bulletin is made without guarantee or representation as to results. Since application variables are a major factor in product performance, this information should serve as a general guide only. We suggest that laboratory testing should be performed prior to the use of any product in the field. Durant makes no warranties, express or implied, and limits any liability for breach of warranty, negligence or otherwise to the purchase price of the material.