



Resin Number: 43243

Last Updated: 5/12/2004

Material Number:

Page 1 of 1

### ***DESCRIPTION***

Plyophen 43243 is a liquid one-step phenolic resin in isopropyl alcohol.

### ***APPLICATION***

Plyophen 43243 resin was developed specifically for both high and low pressure laminating processes employing glass fabrics and other inorganic reinforcing agents. This resin is capable of producing pre-impregnated materials suitable for vacuum-bag molding at 10-14 psi, press molding at pressures as high as 1800 psi, or matched-metal die molding at even higher pressures. Laminates and molded parts having exceptionally high temperature resistance's are obtained with this resin.

### ***TYPICAL PROPERTIES***

		<u>Test Method</u>
Viscosity @ 25°C, cps	460.00	DCT 4003F
Non Volatile, %	69.50	DCT 4005A-1
Karl Fischer Moisture, %	4.90	DCT 4021A
pH	8.05	DCT 4064A
Cure @ 152°C, sec	180.00	DCT 5085
Sunshine Gel (135°C), min	1,050.00	DCT 5091

Durez test methods are available upon request.

### ***STORAGE***

This product is a heat reactive material and should be stored in closed containers at, or below 40°F.

### ***PACKAGING AND SHIPPING***

Available in 55 gallon steel drums, 500 pounds net, and tank trucks, 40,000 pounds net. This product is DOT regulated and shipped as a FLAMMABLE LIQUID, UN1866.

READ THE MATERIAL SAFETY DATA SHEET BEFORE HANDLING,  
STORING OR USING THIS PRODUCT.

