



Epoxy &  
Polyurethane  
Manufacturing and  
Research

TECHNICAL BULLETIN  
EPMAR® SS2120  
Adhesive

**Description**

EPMAR® SS2120 is a two component, room temperature cure, 100% solids, polyurethane adhesive. SS2120 has excellent adhesion properties to various substrates including filaments of filtration units. Complies with U.S. Food and Drug Administration (FDA) regulation 21 C.F.R. section 175.105 when properly applied and intended for use as an adhesive.

**Typical Technical Information**

	Component A (Polyol)	Component B (Isocyanate)
<b>Mix Ratio</b>		
By Weight	46.7	53.3
By Volume	1	1
<b>Solids Content By Weight</b>	100%	100%
<b>Viscosity, CPS @ 25°C (RVF, #7 @ 20 rpm)</b>	10,000	10,000
<b>Specific Gravity @ 25°C</b>	0.925	1.050
<b>Mixed Viscosity of "A" and "B"</b>	8-12,000 cps	

**Physical Characteristics (150 grams total mix, A & B @ 25°C.)**

<b>Pot Life</b>	30 minutes
<b>Gel Time</b>	40 minutes
<b>Tack Free Time on 10 mil thickness</b>	3 - 4 hours
<b>Cure Time</b>	18 hours @ 25°C: 10 hours @ 90°C:
<b>Hardness, Shore 0 (ASTM 0-2240)</b>	45
<b>Tensile Strength</b>	1,900 psi
<b>Elongation</b>	290%
<b>Shelf Life</b>	6 months in separate sealed containers
<b>Storage Temperature</b>	20-35°C.
<b>Temperature of Component</b>	25-40°C.

Contact EPMAR for any additional application information.

**Warranty**

The following warranty is made in lieu of all other warranties, either expressed or implied. This product is manufactured of selected raw materials by skilled technicians. Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of this product and no warranty is made as to the results of any use. The only obligation of either seller or manufacturer shall be to replace any quantity of this product, which is proved to be defective. Any claim of defective product must be received in writing within one (1) year from date of shipment. Neither seller nor manufacturer assumes any liability for injury, loss, or damage resulting from use of this product.

**Service is part of our formula**

**Epmar Corporation**

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