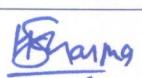
	<b>SARA SAE ENGINEERING SPECIFICATION</b>	
	<b>Section: SES 26 – 790</b>	
	<b>Issue: “A”</b>	<b>Rev No.: “0”</b>
	<b>Eff. Date: 15/05/2015</b>	<b>Page: 1 of 3</b>

**MATERIAL SPECIFICATION FOR**  
**EVER-SILK 1201**  
**BASECOAT/BARRIER COATING**

Rev	Reason of Change	Date	Made By	Reviewed By	Approved By	Status
“0”	--	15/05/2015	HARSH KUMAR SHARMA	PANKAJ KUMAR	K.C. RATURI	RELEASED

	<b>SARA SAE ENGINEERING SPECIFICATION</b>	
	<b>Section: SES 26 – 790</b>	
	<b>Issue: “A”</b>	<b>Rev No.: “0”</b>
	<b>Eff. Date: 15/05/2015</b>	<b>Page: 2 of 3</b>

**MATERIAL SPECIFICATION FOR**  
**EVER-SILK 1201**  
**BASECOAT/BARRIER COATING**

## **1.) SCOPE**

EVER-SILK 1201 is a thermally cured, solvent-based, barrier coating that utilizes a high molecular weight epoxy binder system. This coating provides superior corrosion protection and outstanding chemical resistance in a wide variety of applications. EVER-SILK 1201 may be used as a stand alone coating; or is often used as a primer for EVER-SILK 1301.

## **2.0 OPERATION**

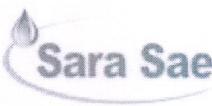
### **2.1 CONCENTRATION:-**

**DILUTION / CLEANUP SOLVENT :** Mek, 642 Solvent, 1213 Solvent Or 1201 Solvent

**DILUTION RATIO :** 1:2 To 1:3 ( Product : Solvent ) By Volume  
( Adjust As Needed. Concentrate To 1:1 By Volume ( Or As Needed )

### **CURE CYCLE**

**BARRIER COATING ONLY WHEN USED AS A PRIMER :** 1 Hour At 375° F To 400° F ( 191° C To 204° C )  
20 – 40 Min. @ 200° F To 250° F ( 93° C TO 121° C )  
Apply Topcoat As Recommended And Final Cure At 375° F To 425° F ( 190° C To 218° C ) For 60 Min.

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### **3.0 PHYSICAL PROPERTIES**

<b>COLOUR AND APPEARANCE</b>	:	Glossy Black Or "Primer" Red .
<b>CARRIER</b>	:	Solvent Borne
<b>SOLIDS (BY WEIGHT )</b>	:	40% TO 44%
<b>DENSITY</b>	:	8.4 +/- 0.5 Lb/Gal ( 1008+/- 60 Gms/Liter)
<b>FLASH POINT</b>	:	99 <sup>0</sup> F ( 37 <sup>0</sup> C)
<b>VOLATILE ORGANIC COMPOUND</b>	:	580 Gms/Liter(4.8 Lb/Gal)
<b>THEORITICAL COVERAGE</b>	:	1090 Ft <sup>2</sup> / Gal @ 0.5 Mils(26.8m <sup>2</sup> /Liter @ 12.7 Microns)

### **4.0 STORAGE AND HANDLING PRECAUTION**

One year from date of shipment , stored in a factory sealed container between the temperature , 40<sup>0</sup> F to 100<sup>0</sup> F .

### **5.0 DOCUMENTATION REQUIRED**

Each shipment shall be accompanied by material certifications for each lot of material, certifications must be positively relatable to the lot of material represented.