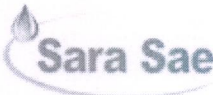


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|  | SARA SAE ENGINEERING SPECIFICATION | |
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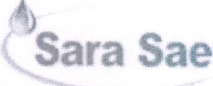
MATERIAL SPECIFICATION FOR
EVER-SILK 1201
BASECOAT/BARRIER COATING

| 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 |

Harsh

Pankaj Kumar

K.C.

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|---|---|---------------------|
|  | SARA SAE ENGINEERING SPECIFICATION | |
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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

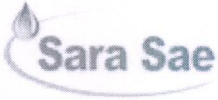
2.1 CONCENTRATION:-

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 : 1 Hour At 375° F To 400° F (191° C To 204° C)
WHEN USED AS A PRIMER : 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

| | | |
|----------------------------------|---|--|
| COLOUR AND APPEARANCE | : | Glossy Black Or “ Primer” Red . |
| CARRIER | : | Solvent Borne |
| SOLIDS (BY WEIGHT) | : | 40% TO 44% |
| DENSITY | : | 8.4 +/- 0.5 Lb/Gal (1008+/- 60 Gms/Liter) |
| FLASH POINT | : | 99 ⁰ F (37 ⁰ C) |
| VOLATILE ORGANIC COMPOUND | : | 580 Gms/Liter(4.8 Lb/Gal) |
| THEORITICAL COVERAGE | : | 1090 Ft ² / Gal @ 0.5 Mils(26.8m ² /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 , 40⁰ F to 100⁰ 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.