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RS-229

TECHNICAL DATA

Urethane Seam Sealant Adhesive

DESCRIPTION:

RS-229 Urethane Seam Sealant Adhesive is a super high performance product for use on many auto body sealing and bonding applications. Late model automobiles depend largely on the outer body strength to provide a solid feel and overall vehicle integrity. RS-229 Urethane Sealant allows the same product to be used in sealing and bonding therefore eliminating the need for several products and simplifying repair procedures. RS-229 cures with moisture from the atmosphere so there is no solvent to flash and cause shrinkage. After a short exposure time, sealer can be painted without cracking. Sealer will continue to cure even after paint has been applied.



APPLICATION EXAMPLES:

- Standing beads where no shrinkage is desired
- Where bonding surfaces as well as sealing is necessary
- Bonds holds, door skins, deck-lids, roof skins to reinforcements
- Bonding aluminum panels to metal, fiberglass and plastic
- Bonds all hard plastics (i.e. FRP, SMC, ABS, TPO, etc.)
- Attach emblems, body side moldings, other trim parts
- Attach custom or factory ground effects



SURFACE PREPARATION:

1. Clean surfaces thoroughly with solvent
2. Allow solvent to flash completely
3. Thoroughly sand surfaces with at least 80 grit paper
4. Apply sealant as needed. Avoid air pockets
5. Smooth with solvent or soapy water immediately
6. Can be sanded to a smooth finish in eight hours
7. Do not immerse in water for 2 to 3 hours
8. Do not tool with enamel reducer or solutions with alcohol

RS-229-TDS
Revised 7/08



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9. Allow 30-60 minutes cure before baking. Do not use heat lamp.
10. Can be painted in 45 minutes



COMPATIBLE SURFACES

Aluminum, steel, galvanized, fiberglass, many plastics, wood, FRP, SMC, ABS



APPLICATION INSTRUCTIONS:

1. Surface must be clean of all dirt, grease and oil
2. Apply RS-229 sealant to primed or painted surface and tool as needed
3. For bonding metal, fiberglass, etc. apply ample sealant/adhesive between panels. Surface should be sanded with 80 grit paper. Initial cure in 1 hour. Full cure in 48-72 hours.
4. When painting is necessary, paint should be applied within 8 hours. RS-229 can be painted in 45 minutes regardless of thickness. RS-229 can be sanded after cured.

Note: Do not apply undercoating directly over RS-229 Sealant. Undercoatings will not dry over this seam sealer unless a primer is applied first.

TECHNICAL DATA:

Packaging	10.5 oz. cartridge
Color	Medium Gray
Application Temperature	40°F-95°F
Working Temperature	-40°- +195°F
Skin Time	30-60 minutes (75°F and 50% RH)
Tack Free	90 minutes or less (75°F and 50% RH)
Cure Rate	1/8" per 24 hours (75° and 50% RH)
Shore A Hardness	40-45
Tensile Strength	300 p.s.i.
Elastic Modulus	115 p.s.i. at 100% elongation
Maximum Joint Movement	20% of joint width
Shelf Life	6 months in dry conditions at 50°F to 70°F

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