



Acrylic/Ceramic Bucket Wash AN-1

Formula Sheet

Water-based formulation using Kippisil® AST ceramic for exceptional foam and cleaning with the added protection of acrylic.

| Material | % by Weight | Use |
|--|---------------|--|
| Water | 51.5 | Diluent |
| Kippisil® AST | 10.0 | SiO ₂ base |
| Genapol® 9106 | 2.0 | Surfactant |
| Esurf LO | 20.0 | Lauramine Oxide |
| Eteric CAPB | 6.0 | Cocamidopropyl Betaine |
| Acrylic Silicone Hybrid Polymer Emulsion | 10.0 | Acrylic Silicone Hybrid Polymer Emulsion |
| Preservative | 0.5 | |
| Total | 100.00 | |

Processing Instructions

1. In a clean vessel, add deionized water and start mixing slowly.
2. Add Kippisil® AST, Genapol® 9106, Esurf LO, Eteric CAPB, and the acrylic silicone hybrid polymer emulsion while mixing.
3. Add preservative and adjust pH to 7.0-7.5 with AMP-95 or TEA.
4. Mix until fully homogeneous

Standard Ceramic vs. Acrylic/Ceramic Bucket Wash Formulation

- Diluted 100:1 for both standard ceramic and Acrylic/Ceramic Bucket Wash formulation - agitated 10 seconds with mixer
- Much better flash foam for the formulation
- Both sides of panel washed with water
- Solutions applied to respective side with sponge, rinsed off
- Formulation did apply smoother to finish, no drag

The information contained herein is to the best of our knowledge true and accurate, but all recommendations and suggestions are made without guarantee. Since the conditions of use are beyond our control, IndSpyre Solutions disclaims any liability incurred with the use of these data or suggestions.



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Bucket Wash



Standard ceramic is on the left, Acrylic/Ceramic Bucket Wash formulation is on the right,

Panel After Wash and Rinse



Standard ceramic is on the left, Acrylic/Ceramic Bucket Wash formulation is on the right.

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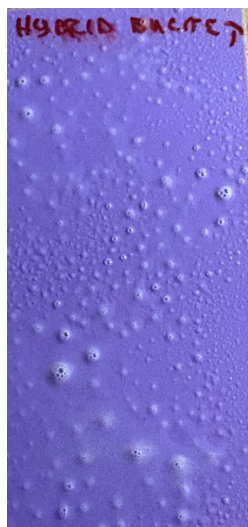
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Acrylic/Ceramic Bucket Wash vs. MAXL ONE™

- Applied on powder coated aluminum substrate
- Observation - MAXL ONE™ went on and left water beads on the surface. Cleaned well but dried slowly and left streaks
- Observation - Formulation didn't bead as much when applied, cleaned well, no streaks, dried quicker

Gloss (60°)

| | |
|------|-------------|
| 90.3 | MAXL ONE™ |
| 90.2 | Formulation |
| 90.2 | As is |



MAXL ONE™ is on the left, Acrylic/Ceramic Bucket Wash formulation is on the right

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Raw Materials

- Kippisil® is a Registered Trademark of IndSpyre Solutions.
- Esurf and Eteri are products of IndSpyre Solutions.
- Genapol® is a Trademark of Clariant.
- MAXL ONE™ is a Trademark of MAXL.

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