

NANOMYTE® SR-Primer can be used to promote adhesion of SR-100, SR-100EC, SuperCN, and SuperAi to plastics such as polycarbonate, polymethylmethacrylate (PMMA), ABS, PC/ABS, PVC and painted surfaces.

PHYSICAL PROPERTIES AND PERFORMANCE CHARACTERISTICS

Color / Form: Translucent liquid coating solution
Specific Gravity: 0.9
Solid Content: ~ 1.5%
Viscosity: 1 – 10 cP (25°C)
Shelf Life: 18 months from date of manufacture
Coverage: 700 – 1,000 ft² per gallon

AVAILABLE FORMULATIONS

NANOMYTE® SR-Primer is a single component coating, sold in liter or gallon kit quantities. It is available in two formulations, depending on the substrate to be coated.

Version	Substrates
SRP-50	For polymers that cannot withstand temperatures higher than 90° C (such as PMMA, PVC, PET...)
SRP-51	For polymers that can withstand temperatures higher than 90° C (such as polycarbonate)

APPLICATION TECHNIQUES

Ensure surfaces to be coated are clean and dry before application. The primer may be applied by dipping, flowing, spinning, rolling, or spraying.

For dipping, simply immerse the part in the coating solution under good ventilation and slowly take it out. Flash dry in ambient condition.

For spraying, an HVLP spray gun with a nozzle size of <1.0 mm is recommended, and the pressure should be set at approximately 25 to 30 psi.

The primed parts should be dried at elevated temperature before application of top coat.

- **For SRP-50:** 70°C for 10 min
- **For SRP-51:** 85°C for 10 min

CLEAN UP

Clean tools and flush equipment thoroughly with Dowanol PM solvent. Carefully read and follow manufacturer's precautions and directions for use when handling cleaning solvents.

STORAGE & HANDLING

Precautions for Safe Handling

Appropriate personal protective equipment should be used at all times. Avoid contact with eyes, skin and clothing. Provide good ventilation or extraction and avoid prolonged or repeated breathing of vapor. Keep away from heat, sparks, flames and other sources of ignition. Wash hands thoroughly after handling. Transfer only a small amount into a work vessel for use.

Conditions for Safe Storage

For best coating performance, keep container tightly sealed and store in a dry and cool area. Avoid storage above 40°C / 104°F and contamination with incompatible materials. Keep away from heat, sparks, flames and other sources of ignition. Residual vapors might explode on ignition.

Refer to SDS for complete information on the safe handling of this product.

ADDITIONAL INFORMATION

NEI Corporation believes that the information contained herein is an accurate description of the typical use of the product. However, NEI disclaims any liability for incidental or consequential damages, which may result from the use of their products that are beyond its control. Employers should use this information only as a supplement to other information gathered by them and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy, and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual right.