

BENEFITS OF

SPEEDMASK®

FOR AEROSPACE AND DEFENSE APPLICATIONS

Discover how SpeedMask solvent-free and light-curable maskants replace labor-intensive tape, wax, lacquers, and fixtures to offer reliable protection against mechanical surface treatment processes.

HOW SPEEDMASK CAN PROTECT



GRIT BLASTING

Cured maskants provide reliable protection from media such as aluminum oxide, garnet, plastics, and organic media. The cured resin absorbs the energy from the air stream blast, while the media bounces off the masked surface, protecting the area underneath.



SHOT PEENING

Maskants are resistant to various peening media (such as cut wire, round metal, ceramic particles, and glass beads). They can also resist pressures used in peening applications.

Shot Peening Photo Credit: www.industrialoutpost.com

WHAT SPEEDMASK MASKANTS PROTECT



COMPONENTS FOR COLD SECTION:

- Fan Blades
- Compressor Blades and Vanes
- Turbine Disks
- Compressor Lines and Cases
- Fluid Line Fittings
- Integrated Blade Rotors
- Air Seals
- Combustion Liners and Cases

COMPONENTS FOR HOT SECTION:

- Hot Section Blades and Vanes (Single Airfoils)
- Stacked Vanes
- Combustion Cases and Liners
- Nozzle Guide Vanes
- Many, many more components

FEATURES

- UV Technology Offers Time and Money Savings
- Easy, Instant Application
- Conformation to Complex Shapes
- On-Demand Curing - < 1 min
- Single Layer Coverage
- Clean Removal from Non-Porous Surfaces
- Greener Process - Solvent Free with 100% Solids

BENEFITS

- Protect Component Surfaces During Either Mechanical or Chemical Surface Treatment Processes
- Prevent Rework and Scrap from Masking Failures
- Eliminate Labor-Intensive Masking Methods



< 1 min



Up to 30% Savings

TYPICAL PROCESS FOR USING SPEEDMASK PRODUCTS



APPLY LIQUID MASKANT



CURE IN SECONDS WITH UV LIGHT



SURFACE TREATMENT PROCESS



REMOVE MASKANT

SpeedMask maskants seal and protect machined, ground, or polished surfaces during tumbling, peening, abrading, plating, plasma-spray coatings, anodizing and plating or cleaning processes.

 **DYMAX**[®]
OUR TECHNOLOGY. YOUR ADVANTAGE.™

dymax.com