

TECHNICAL DATA

NUSHINE II

GRADED SYSTEM OF METAL POLISHING COMPOUNDS

NuShine II is a graded system of polishing compounds for metal substrates which are new, oxidized, or exhibit atmospheric corrosion. NuShine II polishes to an incredibly deep, clear, and image-reflecting shine while imparting a protective chemical barrier to inhibit atmospheric oxidation and corrosion. Extraordinary results are achieved with an extremely small amount of product affording the operator economies through minimal use resulting in less time to perform the polishing function.

- Exceptional Surface Polish
- Imparts Extreme Image Clarity and reflectance
- Minimal material usage – reduces polishing time
- Safe to all airframe component parts
- Specialty grades address under-cast and orange peel
- Selection of grades from heavy cut to final optical polish
- Preserves and protects substrate from further oxidation
- Conforms to Airframe OEM standards and specifications

GRADES

NuShine IIS	-	Final finish, polish upkeep, paint finishing
NuShine IIA	-	Light oxidation removal, polished surface reconditioning
NuShine IIC	-	Repolish, cloudy oxidation removal (under-cast)
NuShine IIG6	-	Repolish of deteriorated surfaces, new aluminum prep
NuShine IIF7	-	Repolish, surface scratch blending, polishing stainless steel
NuShine IIF9	-	Heavy corrosion removal, polishing cast, forged or non-clad aluminum, stainless steel and titanium

Specialty grades available upon request.

PHYSICAL CHARACTERISTICS

- **Appearance:** White, tan, orange, grey cream/paste
- **Odor:** Mild
- **pH:** 8.5 – 9.5 @ 25°C
- **Solubility:** Dispersible in water



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INSTRUCTIONS FOR USE

Unpolished Aluminum: New, lightly corroded or typically oxidized metal condition: Compound buff with NuShine IIG6. Buff an area 24" X 18" with circular buffer (1600-2000 rpm) and wool compounding (not std. loose wool) pad. Place wet fingerprint-size dabs of polish every 3" or so. Use a small amount of polish. Buff until residue clears (45-60 seconds with proper amount of polish). Too much polish reduces effectiveness. Finish with NuShine IIS and orbital style buffer with cotton sweatshirt flannel material over the face of the pad(s) for highest image clarity.

Stainless Steel, Titanium, or Non-clad Aluminum: Start with NuShine IIF7 (smooth surface) or NuShine IIF9 (for rough, or "mill" finish), repeat surface smoothing compound buffing until surface is smooth & shiny. Finish with NuShine IIS and orbital style buffer with cotton sweatshirt flannel material over the face of the pad(s) for highest image clarity and no need for additional handwork.

Finishing/Restoring Already Polished Aluminum: Use NuShine IIS. Put a very sparing amount of polish fingerprint size dabs of polish every 6" or so, over a 24" X 18" area. Buff with orbital buffer with cotton flannel wrapped over face of pad(s). Buffing area should clear in 45-60 seconds with correct amount of polish. Watch the extreme depth and clarity of image come up! NuShine IIC or NuShine IIG6 may be needed prior to final polish with NuShine IIS if cloudy oxidation has formed.

When using Nuvite products, please use recommended procedures and equipment. For restoring paint gloss on metal with NuShine IIS, or other unique applications, further product information, and technical support, consult a Nuvite Representative at 800.394.8351

HEALTH AND SAFETY

Operators should use standard safety precautions to include gloves and goggles. Refer to Safety Data Sheet for further health and safety information.

AVAILABILITY

Each NuShine II grade is available in ¼, ½, 1, 10, and 50 lb. containers.

This technical data sheet is offered in good faith without warranty or representation solely for the buyer's use in the evaluation of this product. It is the responsibility of the buyer and end user to determine the data and safety information with respect to applicable laws, regulations, and the fitness & character of this product prior to full scale use. UNIVERSAL PHOTONICS and or NUVITE CHEMICAL COMPOUNDS (seller) assumes no legal liability for any injury, accident, loss, or damage through the use of this product of which such uses are beyond seller's control.nushinell.10.16.td