

product name

**SV043AH01 PURE METAL**

description

**PURE METAL FOR SPRAYING**

**SERIES  
SP**

hardening



10%  
SIN40

thinning



5-20%  
DP039/B

application



about	solvent-based two component acrylic with metallic microspheres
main properties	an effect that provides a brilliant real metallic shine with many options to add texture and polish the surface
application areas	application on different materials to obtain a polished metallic effect
application method	the product is applied by a spraygun

**mixing of effect paint**

hardening	SIN40 at 10% by weight
thinning	DP039/B at 5% to 20% by weight, depending on application



**PAINTING CYCLE**

**PRIMER in a colour + SV043AH01 BASE + SANDING and POLISHING to a METALLIC SHINE**

**basecoat and primer**

metal	Epoxy primer SV366AF02 colour WHITE
plastic	Primer ALLGRIP colour WHITE
wood	pre-prime with your primer, sand, then apply ALLGRIP colour WHITE
primer colour	A White primer can be used for applications where the Pure Metal surface will be smooth and with no texture. If you want to apply texture to the surface, we suggest to apply a coloured primer that is close to the base colour. This will protect and hide the surface from any possible holes when sanding and polishing the surface.

### application cycle

- 1) prepare surface as necessary
- 2) apply **ALLGRIP primer WHITE** (or other suitable primer) to obtain a wet and even surface
  - add hardener SIN40 at 10% by weight
  - add thinner DP039-B at 40% by weight
  - air dry for 2-6 hours at about 25°C **or** oven dry for 30 minutes at 60-80°C
- 3) after dry, apply **SV043AH01 Base** in an even thickness layer
  - add hardener SIN40 at 10% by weight
  - add thinner DP039-B at 5 - 20% by weight depending on application
  - use a spray tip from 2.5 to 3.0 mm
  - adjust the air pressure and the spraying distance to avoid spraying the paint in waves on the surface
  - air dry for 24-48 hours at about 25°C, the drying time can vary depending on the surface thickness and room temperature
- 4) Sand and polish the surface with the following sanding pads using a orbital sander
  - use sanding pads: P240, P320, then P500 – P800 – P1000 – P2000 – then polishing
  - for more shine you can use finer sandpapers from P3000 to P6000
  - polish the surface with a polishing machine (medium speed) and use a polishing compound like Mirka POLARSHINE 10

### topcoat options

We have tested different options to seal and protect the Pure Metal finish. When a topcoat is applied, the metallic shine will be reduced a little due to the finish. Here are some options for topcoats.

**WAX** - after the Pure Metal is sanded and polished, a protective wax can be applied to the surface to seal the surface. This will need to be re-applied as needed. Here is a link to a wax from an Italian company we have tested. <https://www.mptreatment.com/it/cere-e-lucidanti/item/crocodile-wax.html>

**GLOSS TOPCOAT** - after the Pure Metal is sanded and polished. Clean the surface with solvents to remove any wax, oils, etc. Spray our transparent Primer VMP and then our SV377AC05 high gloss topcoat.

**CRYSTAL CLEAR EPOXY RESIN** - after the PM is sanded and polished. Clean the surface with solvents, then mix and pour our crystal clear Low Thickness Transparent Epoxy Resin over the flat and level surface. This gives the surface more durability, more thickness, and there is very little reduction in the shine.

## technical details

nozzle size	<b>2.5 - 3.0 mm</b>
air pressure	3,0 - 3,5 Atm
coverage area	about 1 m2/kg
pot life	about 1 hours at 25°C depending on the amount of paint prepared, only mix the amount of material needed for the surface
outdoor use	the product has not been tested, but a topcoat is optional
shelf life	the product must be stored at temperatures between 5 and 30°C the product is stable within 6 months since the shipping date