

TECHNICAL INFORMATION

Preparation date:
09.10.2009



Revision date:
02.03.2012

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Product name: APP MS POLYMER.

Unary, permanently flexible, quick drying, coverable with all types of automotive lacquers polymer spray sealing mass.

Package:	Cartouche 310 ml.
Product and additives:	APP MS POLYMER
Basic ingredients:	APP MS POLYMER – polymer hardening due to atmospheric moisture.
Colour:	Grey, beige, black
Density:	1540 kg/m ³
Consistence:	semi-dense spray paste
Shore hardness:	acc. to DIN 53505: 40°.
Module 100%:	0.85 MPa
Max. stress at break:	acc. to DIN 53504: 1.25 MPa
Max. elongation at break:	acc. to DIN 53504: 250%.
Resistance:	mechanical: good to weather conditions: good
	chemical: average to UV: good
	to water: good static electricity: none
	to chemicals: good colour changes: none

Thermal resistance after hardening: from -40°C to +100°C

Application

- for spray sealing of welded joints
- for recovery of optically original surface quality of spray sealing
- for protection from mechanical damages and chips
- as a protective coating against stones hits
- as a vibration absorbing layer
- as a acoustically insulating layer
- as a spray sealing material in many industrial applications.

Above information are consistent with current knowledge of our products and possibilities of their application. It does not assure appropriate properties and suitability to use in special conditions. Follow information and warnings, given in products labels and properties sheet. We accept no responsibility for factors beyond our control, which may influence final work result.

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Product name: APP MS POLYMER.

Substrate

Proper substrates:

Spray sealant APP MS Polymer has great adherence without any special primer to: glass, stainless steel, anodized aluminium, lacquered and enamelled surfaces, materials reinforced with glass fibre, ceramic tiles.

Caution!

Steel body sheets must be covered with primer or filler before mass spreading.

Substrate

preparation:



Before the sealing mass application the surface must be dried, dedusted and degreased with:

- alcohol cleaning agent,
- acetone (PVC, glass, aluminium),
- cleaning agent W900 or WB900.

Remove the lower cover of aluminium cartouche and pierce its threaded end.

Place the cartouche in the pressure chamber of the pneumatic gun for sealing mass spraying. Spray at air pressure 3.0 to 6.0 bar.

Required surface quality is obtained by spray parameters adjustment:

- sealing mass flow pressure (pressure of compressed air, supplying the spray gun pressure chamber),
- amount of mass flowing from the nozzle (needle adjustment),
- air pressure in the head (if such adjustment is available),
- distance between the spray gun nozzle and the sealed surface,
- spray gun nozzle movement speed in relation to the surface.

Application temperature: from +5°C to +40°C..

Surface temperature: from +5°C to +60°C.

Caution!

Do not apply on silicones or in presence of crosslinking silicones.

Avoid contact with alcohols and solvents during crosslinking.

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Drying



Product name: APP MS POLYMER.

Hardening of sealant APP MS Polymer begins immediately after application and depends on temperature and air humidity.

In temperature +23°C and relative humidity 55%:

- skinning: after approx. 10 – 15 minutes
- crosslinking speed: 3 mm - 24 hours
5 mm - 48 hours.

Covering ability:

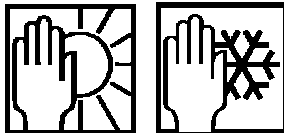
Spray sealant APP MS Polymer after skinning, i.e. after 15 – 25 minutes is ready for coating with base paints and surface lacquers, used during repairs and renovations of car body.

It is possible to use “wet” method.

Before hardening – MEK or turpentine.
After hardening – mechanical cleaning.

Equipment cleaning:

Storage:



Keep in closed, original containers, in dry and well ventilated room.
Storage temperature: from +5°C to +25°C.
Transport resistance to -15°C.

Safety regulations:



For professional applications only.

See: See text in product labels or in dangerous product characteristics sheet.

User must follow safety regulations, valid in given country.

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