



# Anti-Pinhole, Reaction Accelerator MA-500

Version 1.0

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## PRODUCT DESCRIPTION

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### ■ Outline

MA-500, a reaction accelerator and anti-catalyst, is an additive which stimulates the cure of 2K urethane paint and an effective item to prevent pinholing during drying time.

### ■ Suitable Substrates

Acrylic Primer Surfacer BP-2000, BP-4000, BP-5000  
Bodyian Clear Coat BC-5300, BC-5310, BC-9300, BC-2108  
BC-2000, BC-2000Q, BC-3000, BC-4000, BC-3100MC  
Acrylic Urethane BU-XXXX serie

### ■ Product configuration

Product	PACK (ℓ)	Contents (ℓ)	Storage
Anti-Pinhole, Reaction Accelerator MA-500	1.2	1.0	24 months

\* Reference temperature : 20°C

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## APPLICATION GUIDE

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### ■ Use

Add 5% of MA-500 after mixing the base and hardener.

Put 1~2 cap of MA-500 to 0.5Lt paint.

\* Mix it according to the standard mixing ratio. Mixing ratio does not change.

### ■ Dry information

Normal drying time for 2K urethane paint is 60°C X 30min.

Drying time shortens to 60°C X 20min when MA-500 is added.

Pot life also shortens from 6 hours to 4 hours.

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## ADDITIONAL INFORMATION

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### ■ Notice

1. This product must be applied to polyurethane products using a curing agent and not be used with Bodyian Base and lacquers.
2. When MA-500 is added to paints, pot life might get shorter.  
Optimal coating condition is using within one hour after mixing.
3. Please note that if you use excessive MA-500 to clearcoat, it might flow during application due to low viscosity.
4. Avoid direct sunlight during delivery, storage and handling. Store in a cool, dry dark place under room temperature(5°C-35°C).
5. Keep container tightly closed and store upright. When spilled, absorb contents with sand.

6. During application(including touch-up application), color difference may occur depending on mixing ratio, painting tools and application method. It may occur in same color product and same LOT No.
7. Please check whether color difference occurred or not. If possible, apply the same LOT No. product in consistent application method.
8. Suitable condition for application and hardening is 10°C or above.
9. Surface temperature must be at or above 3°C to avoid moisture condensation.
10. Do not mix with other paint products.
11. Proceed a test application before applying on a precedent or an old paint film (check adhesion, color spread and transparency).
12. Please refer to technical data sheet before system application(primer, midcoat and topcoat).
13. Please do not apply paint above 85% RH or below 5°C because it may influence physical properties.
14. Contents must not flow into drain, river and soil.
15. To prevent environmental pollution, dispose contents after complete use and dispose the residue through waste disposal company authorized by the ministry of environment.
16. Beware of ingestion, inhalation and contact of animals and plants.
17. Use masking tape, covering tape, vinyl or newspapers to cover areas that should not be painted.

## ■ Health and Safety

1. Be well-informed of MSDS before use.
2. Keep out of the reach of infants and children. Do not apply a product to baby products and food containers.
3. Do not use a product for any other uses. (Sniffing is prohibited. Do not use as a fuel.)
4. If on skin or eye, wash thoroughly with running water and get a medical treatment.
5. Do not apply a product in an enclosed area.  
In order to prevent suffocation during application and drying, use power blower to keep the area fully ventilated. Workers must wear gas mask and safety gears all the time.
6. Contents include organic solvents and can cause health problems such as headache, dizziness and dermatitis.  
Do not ingest or inhale the product and avoid skin contact.  
Wear safety glasses, coveralls and latex gloves when mixing and applying.
7. Keep away from fire and heat during application or storage because it is flammable and has risk of fire.  
Beware of spark from impact, droppage and friction while handling.
8. Storing a product with combustible substances such as stained clothes or paper may cause fire by spontaneous ignition. Thus do not pile products with combustible substances.  
Keep it in a non-flammable container filled with water, then put a lid on and dispose it.
9. Please contact our customer service or refer to GHS-MSDS and technical data on the website for further details.

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