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# TECH DATA BULLETIN

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## MAGIC MASK™

### Professional Over-spray Masking Liquid

When dry, Magic Mask™ will protect against paint over-spray from all solvent-based paints and coatings. It will also protect against light over-spray from waterborne paints and coatings. Magic Mask™ film is solvent-resistant.

#### PHYSICAL

**CHARACTERISTICS:** At .5-.7 ml dry film thickness, coverage is between 350-400 sq ft/gal  
Viscosity: 50 +/- 25 cps  
Zahn #2 cup: 34 seconds  
pH: 7  
Flashpoint: >200°F/94°C Seta Flash Closed Cup  
Weight: 8.6 +/- .25 lbs/gal  
Volume Solids: Approximately 10%  
VOC: 0 grams/liter

#### CHEMICAL

**RESISTANCE:** Aliphatic Hydrocarbons.....Excellent  
Aromatic Hydrocarbons.....Excellent  
Esters.....Excellent  
Ketones.....Excellent

**SPRAY EQUIPMENT:** Stainless steel tip, needle, and fluid passages are suggested

**SIPHON FEED:** Pressure Pot: .045-.055 fluid tip  
40-50 psi gun pressure  
8-12 psi pot pressure

**GRAVITY FEED:** 1.2-1.4 mm fluid tip  
35-40 psi at the gun  
HVL P: .035-.050 fluid tip  
4.5-5.0 psi at the air cap

**DRY TIME:** @ 77°F/25°C; 50% RH 20-to-25 minutes  
(medium coat with .5 - .7 mil dry film thickness)

U.S. Chemical & Plastics  
P.O.Box 709  
Massillon, Ohio 44648-0709  
Phone: 330-830-6000  
www.uschem.com



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**Professional Over-spray Masking Liquid**

**NOTE:** Remove MAGIC MASK<sup>TM</sup> within **48** hours of application.

**BAKING:** Multiple baking allowed. Maximum temperature: <160<sup>0</sup>F/71<sup>0</sup>C

**REMOVAL:** Rinse with water from a hose or pressure washer. Areas with heavy over-spray may need to be scrubbed.

**NOTE:** Removal works best when using a wash mitt or chamois while the surface is still wet.

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## **MAGIC MASK™** **Most Asked Application Questions**

- #1 Q) Can Magic Mask be used on all paints?**  
**A) Magic Mask is compatible with all nationally distributed paints.**
- #2 Q) When can I apply Magic Mask over fresh paint?**  
**A) A 24-hour dry time is recommended in most cases. A slightly longer dry time is preferred when paint has dried at cooler temperatures.**
- #3 Q) Can I paint immediately after spraying Magic Mask?**  
**A) It is not recommended - over-spray will settle into the wet surface and possibly adhere to the car's surface. Allow 20-30 minutes dry time before painting.**
- #4 Q) Can I apply Magic Mask over an old deteriorating paint finish?**  
**A) Do not apply any water-based masking product over cracked, crazed, or heavily oxidized paint finish.**
- #5 Q) Will Magic Mask hold down dirt and dust?**  
**A) Yes, it traps dirt when applied wet, and dirt and dust will adhere to the surface.**
- #6 Q) Do I need to use masking paper with Magic Mask?**  
**A) Yes, along the leading edges of the bordering panels. Magic Mask is designed to protect against over-spray. Direct paint spray should be avoided.**
- #7 Q) How long must I wait before applying any masking paper?**  
**A) Magic Mask will dry in 20-30 minutes in most cases. Cooler or damp conditions will retard the dry time. Additional light heat or air movement may be needed under these circumstances. We do not recommend placing masking paper or plastic sheeting over Magic Mask until it is completely dry.**
- #8 Q) Should I avoid exposing Magic Mask to direct sunlight?**  
**A) Yes. The combination of excessive heat and U.V. rays may make water-based films difficult to remove.**
- #9 Q) Can I leave the unused portion in my spray gun cup?**  
**A) You can store it for up to one year at room temperature.**
- #10 Q) Can I apply Magic Mask over a recently waxed finish?**  
**A) Yes, however some beading or separation may occur which will require one additional coat for coverage.**



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## MAGIC MASK™

### Most Asked Application Questions

- #11 **Q) Can Magic Mask be applied to an engine compartment?**  
**A) Yes. As with any engine cleaning or rinsing procedures, avoid getting excessive water in carburetors, distributors, and certain electrical systems and components.**
- #12 **Q) Does Magic Mask really clean dirt off while rinsing?**  
**A) Yes, it contains a gentle agent that cleans the surface and like any car wash, could remove some wax, too.**
- #13 **Q) Should I apply Magic Mask on heavily, or in multiple coats to ensure maximum protection?**  
**A) ONE COAT application saves you time, money, and provides maximum over-spray protection. A second coat could be applied if there was contamination on the surface (sealant, wax, grease, Rain-X, etc.)**
- #14 **Q) How do I remove Magic Mask?**  
**A) Magic Mask should be removed with water from a hose or pressure washer to rinse off the dried Magic Mask and areas with heavy over-spray.**
- #15 **Q) What if the vehicle is exposed to moisture, dew, or rain?**  
**A) Moisture will dissolve the protective film, resulting in loss of over-spray protection. You must now reapply Magic Mask.**

**For additional technical assistance, call USC's Tech Hotline @ (330) 830-6000 or visit our interactive web site at [www.uschem.com](http://www.uschem.com).**

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Prepared By: LAB**

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