



# MASONS SUPPLY COMPANY

OREGON

WASHINGTON

## MASCO CURE & SEAL WB VOC COMPLIANT ACRYLIC NON YELLOWING EMULSION

### DESCRIPTION

MASCO CURE & SEAL WB is a low odor, VOC compliant, non yellowing, water-emulsion acrylic, non-flammable, ready to use compound for curing, sealing, and dust-proofing concrete. Once properly applied, it provides an impermeable seal for efficient moisture retention. Color-wise, MASCO CURE & SEAL WB appears "milky white" in the container and, when first applied, it leaves a "bluish" cast on the concrete for easy, visual identification of coverage. MASCO CURE & SEAL WB dries to a transparent sheen finish, resists yellowing due to ultraviolet degradation and provides a durable, long lasting finish that offers improved resistance to the damaging effects of freeze-thaw exposure, deicing chemicals and airborne contaminants.

### USES

MASCO CURE & SEAL WB water-emulsion acrylic curing and sealing compound may be quickly and easily applied to simultaneously cure and/or seal new interior and exterior, vertical and horizontal concrete surfaces. Applications include on commercial and industrial floors, sidewalks, basements, patios, and driveways.

### FEATURES AND BENEFITS

- Ready to use, VOC compliant, non-flammable, non-yellowing, water-based compound that cures and/or seals concrete.
- Low odor makes ideal for interior applications.
- Controls the curing to provide strong and durable concrete.
- Final finish is a durable, clear semi gloss sheen that protects and enhances the natural appearance of concrete.
- Resists adhesion of mortar droppings to protect concrete floors during construction, permits easier cleanup.
- Breathable film that protects surface from rain and other airborne contaminants.
- Forms a protective seal on the concrete surface for resistance to surface staining and reduces mildew.
- Protects against surface deterioration. Provides temporary resistance to surface penetration of salts, oils, and other mild chemicals.
- Application tools may be cleaned with soap and water.

#### MATERIAL PROPERTIES AT 75° F, 50% R.H.

Weight per gallon	7.5 lbs
Solids	15%
VOC	125 g/L
Viscosity	5-15 cps
Flash Point	248°F
Abrasion Resistance	
CS-17, Wheel	
100 gms/1000 cycles	
Gloss (1-2 coats)	Low Sheen

### COMPOSITION AND MATERIAL

It is a proprietary formulation of acrylic copolymer resin in a water emulsion base.

### SURFACE PREPARATION

**Fresh Concrete:** MASCO CURE & SEAL WB should be applied as a cure to new concrete slabs as soon as the surface water has dissipated and the concrete has been finished. On vertical surfaces, apply immediately after forms are removed.

**Existing Concrete:** Surface must be clean, dry, open capillary, structurally sound, free of curing or form release compounds and other contaminants that will prevent the proper penetration of product. All unsightly marks, stains, dirt and dust must be removed from existing concrete. If not, they will be amplified by the transparent finish. Do not apply product to a wet surface. Surfaces must dry a minimum of 24 hours following rain or exposure to other sources of moisture. For surfaces that have had prior coatings or treatments, contact MASONS SUPPLY.

### SURFACE PREPARATION FOR SECONDARY COATINGS

ALWAYS follow the secondary coating, topping, sealants or resilient flooring manufacturer's recommended surface preparation procedure when making any application on the MASCO CURE & SEAL WB treated concrete surfaces; they know the limitations of their specific product. A TEST SECTION IS ALWAYS RECOMMENDED.

### MIXING INSTRUCTIONS

Stir MASCO CURE & SEAL WB slowly and thoroughly using slow speed mixing equipment before each use. Do not aerate with high speed mixers.

### APPLICATION TECHNIQUES

Make sure the area is adequately ventilated. Ensure application equipment is clean and free of previously used materials. Mix well before each use. MASCO CURE & SEAL WB is ready to use directly from the container. It appears milky white in the container. When first applied it leaves a bluish cast to the surface. It dries to a clear semi gloss finish when properly applied.

**Fresh Concrete:** Apply with low pressure commercial sprayer or power sprayers. Use a spray tip (Chapin 9505E tip) that produces a flow of ½ gallon per minute 95° spray under 40 psi of pressure, in a fine fog pattern without spurts and dribbles to form a thin continuous film. Avoid puddling. Should this occur, brush or roll them out. If a second coat is desired, first coat must cure 24 hours before application of second coat at right angle to first.

**Existing Concrete:** Apply in a uniform, continuous film by airless sprayer, short napped roller, lambs wool applicator,

paintbrush, or commercial hand sprayers. Apply a full, even coat ensure complete, uniform coverage of the surface. Use a lambs wool applicator or roller to pick up puddles or excess material.

### CURING

Drying time for coating is approximately 2-4 hours at 75°F preferably allow the first coat to dry overnight before applying second coat. **Important:** Two thin applications are more effective than a single thick coat. The concrete will be ready for light foot traffic in 8-12 hours at 75°F. Normal traffic overnight, maximum hardness in 7-10 days.

### COVERAGE

Curing – Apply at 200-300 sq. ft. / gal. approx.

Sealing – Apply at 200–300 sq. ft. / gal.

Coverage may vary due to porosity and conditions of the concrete.

### COMPLIANCES

ASTM-C-309 Type 1, Class B

AASHTO-M-148 Type 1, Class B

Tested according to ASTM-C-156 and AASHTO M-155.

### CAUTIONS

Make sure area is adequately ventilated. Do not apply to wet concrete. Do not apply to frost filled or frozen surfaces. Do not apply when the air, material, and surface temperature are expected to fall below 45°F within 12 hours of completed. Do not apply if rain or heavy fog is likely within 12 hours after application. On existing concrete, do not apply during high humidity or high temperatures in direct sunlight or windy conditions. These conditions cause rapid evaporation which does not allow the film to properly form. Do not apply heavier than literature recommends or surfaces will remain milky white. Do not use on surfaces that receive paints, sealers, epoxy, joint sealants or urethane based coatings without complete removal. Test before application to cured colored concrete because mottling may occur. The sealer will highlight the surface and may accentuate surface imperfections. Will rubber tire burn. Not recommended as a release agent/bond breaker, or where other sealers or treatments are to be later applied. Do not use on a surface that will receive cement mortars, or concrete toppings without complete removal. Not recommended for non porous surfaces i.e. brick, stone, slate, tile, masonry, etc. Do not use around swimming pools, hot tubs, or areas exposed to excessive moisture. Do not use in areas subject to moisture vapor transmission. Will make areas slick when wet. Material should not be allowed to freeze in storage and should be stored above 50° F before use. Although compatible with many carpet, tile and floor covering adhesives, consult floor covering manufacturer for recommendations; a test section is recommended. Do not apply this product in locations where food items are present.

### PACKAGING

5 gallon plastic pails and 55 gallon DOT containers

**Storage:** 50-85°F

**Protect from freezing.**

**Shelf Life:** 1 year, unopened, protected storage.

**Freight Class:** Class 55.

**DOT/UN Shipping Name:** Non-regulated

**DOT Hazard Class:** Non-regulated

**Shipping Name:** Non-regulated

### HAZARDS IDENTIFICATION

Excessive exposure to vapors or spray mist may cause irritation to the nose, throat and respiratory tract. Direct contact with eyes can cause slight irritation. Prolonged or repeated skin contact can cause skin irritation or rash.

### FIRST AID

**Inhalation:** Remove victim from exposure to fresh air. If victim has difficulty breathing, administer oxygen. If breathing has stopped, administer artificial respiration. Seek medical attention.

**Eyes:** Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.

**Skin:** Wash thoroughly with soap and water for at least 15 minutes. If irritation persists, seek medical attention.

**Ingestion:** If swallowed, give 2 glasses of water to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention.

### CLEANUP INSTRUCTIONS

Equipment may be easily cleaned with soap and water while MASCO CURE & SEAL WB is still wet. Once dried, material must be chemically or mechanically removed. Collect with absorbent material. Avoid breathing vapors. Ventilate closed areas. Dispose of according to applicable local regulations.

### TECHNICAL SERVICE

For Technical Service on all Masons Supply products contact:

MASONS SUPPLY

2637 SE 12th Ave

Portland, OR 97202

(503) 234-4321, FAX (503) 234-5606

masco.net

### WARRANTIES

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THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE FACE HEREOF.

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