



# MASONS SUPPLY COMPANY

OREGON

WASHINGTON

## MASCOSEAL HI GLOSS | High Gloss Protective Exterior Sealer

### DESCRIPTION

MASCOSEAL HI GLOSS is a methacrylate cure and sealer developed specifically for exterior applications, including exposed aggregate and other architectural concrete surfaces.

MASCOSEAL HI GLOSS provides a clear non-yellowing protective coating that brings out the radiance and luster of all natural aggregate and preserves a long lasting, durable finish.

MASCOSEAL HI GLOSS is ideal for precast, architectural concrete, exposed aggregate slabs, walkways and walls.

### USES

For exterior, vertical and horizontal concrete surfaces. It is applied to concrete to protect surface from the damaging effects of freeze-thaw exposure, deicing chemicals, and airborne contaminants. Applications include commercial floors, sidewalks, patios and driveways.

### FEATURES AND BENEFITS

- Applies easily, dries to touch in approximately 60 minutes
- Provides a clear, tough, easy to clean film
- Enhances the look of exposed aggregate concrete by providing a "wet look" sealer
- UV Resistant for long-term protection of concrete.
- 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.

### COMPOSITION AND MATERIAL

It is a proprietary formulation of methyl methacrylate copolymer resin in a solvent blend.

### MIXING INSTRUCTIONS

Stir MASCOSEAL HI GLOSS slowly and thoroughly using slow speed mixing equipment before each use. Do not aerate with high speed mixers. Do not thin or dilute in any way.

### APPLICATION TECHNIQUES

Make sure that area is adequately ventilated. For best results apply when concrete surfaces or ambient temperatures are between 55°F and 80°F. Ensure application equipment is clean and free of previously used materials. MASCOSEAL HI GLOSS is ready to use directly from the container. Do not mix with other chemicals or alter in any way. Do not pour unused chemicals back into open containers. MASCOSEAL HI GLOSS is a sprayable liquid. Application can be made with low-pressure spray cans or explosion-proof power sprayers. On cured

concrete, apply by spray, short nap roller or brush.

**Freshly Placed Concrete:** MASCOSEAL HI GLOSS should be applied as a cure to new concrete slabs as soon as the concrete has been finished and surface water has dissipated. Apply at a uniform coverage by spray or roller at 350-400 sq.ft./gal. Avoid puddling in low areas. Drying time for MASCOSEAL HI GLOSS is approximately 2-4 hours at 75°F. Providing concrete is of sufficient strength, the sealed surface will be ready for traffic after an overnight cure. However, if a second coat is desired, allow first coat to dry overnight (preferably 24 hours), then apply a thin coat at the rate of 400 sq.ft./gal. Apply at 90° angles to first coat. Two thin applications are more effective than a single thick coat. Caution, try to avoid application during high temperature conditions in direct sunlight. These conditions cause rapid evaporation, which do not allow the film to form properly. Maximum hardness of sealer is obtained in 7 days.

**Existing Concrete:** The surface must be thoroughly cleaned and dried before applying MASCOSEAL HI GLOSS. Pressure wash with an alkaline detergent to remove dirt and oils. Curing compounds and old sealer must be chemically or mechanically removed from concrete. All surfaces must be allowed to thoroughly dry prior to application. Apply at a uniform coverage by spray, short nap roller or brush at 350-400 sq.ft./gal. Drying time for MASCOSEAL HI GLOSS is approximately 2-4 hours at 75°F; however if a second coat is desired on cured concrete, allow first coat to dry overnight (preferably 24 hours). Apply at 90° angles to first coat. Two thin applications at the rate of 400 sq.ft./gal. are more effective than a single thick coat. Do not apply during high temperature conditions in direct sunlight. These conditions cause rapid evaporation, which do not allow the film to form properly. Maximum hardness of sealer is obtained in 7 days. Unusual application or condition may require the technical assistance of a Masons Supply representative.

### COVERAGE

For proper curing of freshly placed concrete, use MASCO HI GLOSS at the rate of 350-400 square feet per gallon. On dry, hardened concrete, use at the rate of 350-400 square feet per gallon per coat. Two coats are recommended for best results. (On exposed aggregate, coverage will be less.)

### COMPLIANCES

- U.S.D.A. accepted
- This product meets V.O.C. contents in accordance with EPA 40 CFR, Part 59, Table 1, Subpart D for concrete Curing and Sealing Compounds with a maximum V.O.C. content of 700 g/l.

## CAUTIONS

On fresh concrete allow the first application to cure for 30 days before the second application. For best results apply when concrete surfaces or ambient temperatures are between 55°F and 80°F. Make sure area is adequately ventilated. Do not apply to damp or 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 40°F within 4 hours of completed application or in direct sunlight at ambient temperatures in excess of 90°F. Do not apply heavier than literature recommends. 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 darken the surface and may accentuate surface imperfections. Prepare a test panel to ensure acceptable results. 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. hard troweled "burned" concrete, 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. Do not apply in areas where there may be excessive internal water migration to the back of the film. Treated areas may become slick when wet (use Masco Surface Grip). 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.

## PHYSICAL PROPERTIES

Finished Appearance: Clear  
Color: Clear  
Flash Point: 103 °F, 40 °C – Closed Cup

## PACKAGING

Available in 5 gallons and 55 gallons DOT containers.

Storage: Above 50° F

Protect from freezing

Shelf Life: 2 years when properly stored

Shipping Hazards: **NOT REGULATED IN CONTAINERS LESS THAN 119 GALLONS**, Combustible Liquid in North America (Flammable elsewhere)

## HAZARDS IDENTIFICATION

Expect to have a low degree of toxicity by inhalation. Excessive inhalation of vapors and/or spray/mist may cause respiratory irritation, dizziness, weakness, nausea, headache, loss of coordination and fatigue. Contact with eyes may cause mild irritation including stinging, watering and redness. Skin irritant; contact may cause redness, burning, drying and cracking of the skin and skin damage. Ingestion is not expected to be a relevant route of exposure. Aspiration hazard; this material can enter the lungs during vomiting or swallowing and cause lung inflammation and damage (pneumonitis and/or pulmonary adema).

## FIRST AID

**Skin:** Clean area of contact thoroughly with soap and water. If irritation, rash or other disorders develop, get medical attention immediately.

**Inhalation:** Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

**Eyes:** Flush with water for at least 15 minutes while holding eyelids apart. Get medical attention immediately.

**Ingestion:** Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

## CLEANUP INSTRUCTIONS

Clean tools and equipment with aromatic 100 or xylene immediately following use. Clean drips and over spray with solvent while still wet. If not cleaned immediately, the sealer will leave a residue on painted surfaces, metal, glass and wood.

## TECHNICAL SERVICES

For application procedures or surface conditions not specified above, please contact:

MASONS SUPPLY  
2637 SE 12th Ave  
Portland, OR 97202  
(503)234-4321, FAX (503)234-5606  
masco.net

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