



MASONS SUPPLY COMPANY

OREGON

WASHINGTON

MASCO CURE & SEAL 25% UV

DESCRIPTION

A widely specified VOC compliant hi-gloss ultra violet resistant fast dry solvent based acrylic curing and sealing compound for concrete surfaces. When properly applied, it provides an impermeable seal to prevent the rapid evaporation of moisture from the surface of freshly placed concrete. Can be used for interior and exterior vertical or horizontal concrete surfaces, producing a harder denser concrete. When used for this application it will effectively seal out construction stains and reduce the cost of cleanup. Complies with the maximum VOC content limits of 700 g/L for concrete curing compounds as required by the US EPA Architectural Coatings Rule.

USES

It can be applied to hardened concrete to seal, harden and dustproof the surface. It protects surface from damaging effects of freeze-thaw exposure, deicing chemicals, and airborne contaminants. Applications include commercial and industrial floors, sidewalks, patios, and driveways.

FEATURES AND BENEFITS

- Cures and seals new concrete in one application.
- Forms a membrane seal on the concrete surface for maximum moisture retention and a positive cure.
- Applied to hardened concrete, it will seal, harden and dustproof surface.
- Protects surface from damaging effects of freeze-thaw exposure, deicing chemicals, and airborne contaminants.
- Restores and seals aged concrete like new.
- Permits easy cleanup and housekeeping reducing maintenance costs.
- VOC compliant, meets US EPA Architectural Coatings Rule Requirements

COMPOSITION AND MATERIAL

MASCO CURE & SEAL 25% UV is a clear, styrene acrylic copolymer and quick evaporating solvents.

MIXING INSTRUCTIONS:

Stir MASCO 25% UV 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. MASCO 25% UV 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. MASCO 25% UV 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: MASCO 25% UV 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 300 sq.ft./gal. Avoid puddling in low areas. Drying time for MASCO 25% UV is approximately 1-2 hours at 75°F. Providing concrete is of sufficient strength, the sealed surface will be ready for normal 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 300-400 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 MASCO 25% UV. 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 300-400 sq.ft./gal. Drying time for MASCO 25% UV is approximately 1-2 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 300-400 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 25% UV at the rate of 300 square feet per gallon. On dry, hardened concrete, use at the rate of 300 to 400 square feet per gallon per coat. Two coats are recommended for best results. (On exposed aggregate, coverage will be less.)

COMPLIANCES

- ASTM C-1315 Type 1, Class A
- ASTM C-309 Type 1, Class B
- AASHTO M-148 Type 1, Class B
- US EPA Architectural Coatings Rule

CAUTIONS

Make sure area is adequately ventilated. Do not apply to damp or wet aged hardened concrete. Do not apply when the air, material, and surface temperatures are expected to fall below 40°F within 4 hours of completed application. 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. Will rubber tire burn. Not recommended as a release agent/bond breaker or where other sealers or treatments are to be later applied. Not recommended for non-porous surfaces, i.e., dense brick, stone, slate, tile, 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. 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. Do not apply over bleed water or freestanding water. Although compatible with many carpet, tile, and floor covering adhesives, consult floor covering manufacturer for recommendations; a test section is recommended. Do not use on a surface that will receive cement mortars or concrete toppings without complete removal.

PACKAGING

Available in 5 gallon and 55 gallon DOT containers.

Storage: Above 50°F

Protect from freezing.

Shelf Life: 2 years in original, unopened container.

Freight Class: Class 55.

DOT/UN Shipping Name: Non-regulated

DOT Hazard Class: Non-regulated

Shipping Name: Non-regulated

HAZARDS IDENTIFICATION

Keep away from all ignition sources (e.g., heat, sparks, flame, pilots, motors, etc.) Vapor may migrate to sources of ignition and cause flash fire. Ground containers when pouring to avoid static discharge. Avoid ingestion, inhalation of vapors and contact with skin, eyes and clothing. Use only in well ventilated areas. Wear a NIOSH/MSHA approved respirator as directed by the respirator manufacturer, if maximum ventilation is inadequate to reduce vapor levels below the exposure limits indicated on the MSDS. Wear suitable eye and face protection and protective apparel. Protect hands with suitable impervious rubber gloves. Close openings to occupied sections of buildings until vapors dissipate. Close containers when not in use. Observe precautions for emptied containers. For additional Health and Safety information read the current MSDS carefully before using this product.

FIRST AID

Get medical attention immediately for any significant exposure.

EYES: Flush immediately with running water for 15 minutes and get medical attention.

INGESTION: Call nearest Poison Control Centre or physician. Do not induce vomiting.

SKIN: Wash thoroughly with soap and water. Get medical attention immediately if rash or disorders develop. **INHALATION:** Leave area to breathe fresh air. Avoid further overexposure.

CLEANUP INSTRUCTIONS

Tools and equipment may be cleaned with solvent such as xylene, xylol or toluene. Run cleaning solvent through spray equipment to remove residual materials and prevent clogging of nozzle in future use.

TECHNICAL SERVICE

For Technical Service on all Masons Supply products contact:

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