



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 or 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. Two coats are recommended. 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.

SURFACE PREPARATION

MASCO CURE & SEAL 25% UV should be applied as a cure to new concrete slabs as soon as the surface water has dissipated and the concrete has been finished. It should be applied as a sealer to cleaned concrete after it has achieved a desired degree of dryness (approximately 14 days from placement depending on weather conditions).

MIXING INSTRUCTIONS

Stir MASCO CURE & SEAL 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.

APPLICATION TECHNIQUES

Make sure that area is adequately ventilated. Ensure application equipment is clean and free of previously used materials. CURE & SEAL 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. CURE & SEAL 25% UV is a sprayable liquid. Application can be made with low-pressure spray cans or explosion-proof power sprayers. On freshly placed, moist concrete, apply CURE & SEAL 25% UV with spray immediately after bleed water has disappeared. Avoid puddling in low areas. On hardened concrete, apply by spray, short nap roller or brush. Old floors must be cleaned and allowed to dry prior to application.

CURING

Freshly Placed Concrete: Drying time for Masco Cure & Seal 25% UV is approximately 2-4 hours at 75°F. Providing concrete is of sufficient strength, the sealed surface will be ready for normal traffic after an overnight cure. Maximum hardness of sealer is obtained in 7 days.

Hardened Concrete: Drying time for Masco Cure & Seal 25% UV is approximately 2-4 hours at 75°F; however if a second coat is desired on cured concrete, allow first coat to dry overnight. Apply at 90° angles to first coat. Two thin applications 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. Unusual application or condition may require the technical assistance of a Masons Supply Company representative.

COVERAGE

For proper curing of freshly placed concrete, use CURE & SEAL 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.
Tested according to ASTM C-156 and AASHTO M-155.
- US EPA Architectural Coatings Rule

CAUTIONS

Make sure area is adequately ventilated. Do not apply to damp or wet 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. hard troweled "burned" concrete, brick, stone, slate, tile, masonry. etc. Do not use on concrete countertops. 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. 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: Approximately 1 year in unopened container.

Freight Class: Class 55

DOT Hazard Class: Flammable Liquid

Packing Group: III

Shipping Name: Flammable Liquid (contains petroleum distillates)

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

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: Remove contaminated shoes and clothing, flush affected area with large amounts of water. If skin surface is damaged, apply a clean dressing and seek medical attention. If skin surface is not damaged, cleanse affected area thoroughly by washing with mild soap and water. If irritation or redness develops, seek medical attention.

Ingestion: Aspiration hazard; do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention.

CLEANUP INSTRUCTIONS

Eliminate all sources of ignition. Collect with absorbent material. Avoid breathing vapors. Ventilate closed areas. Dispose of according to applicable local regulations.

TECHNICAL SERVICES

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

MASONS SUPPLY
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WARRANTIES

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5/07

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