



The Chemical Company

PRODUCT DATA

3 03 39 00 Concrete Curing

# KURE 200W

High-solids, high-efficiency, VOC-free curing compound for concrete

### Description

Kure 200W is a water-based polymer and wax-emulsion curing and sealing compound. It helps concrete surfaces obtain maximum strength and greater wear resistance. When applied at 300 – 400 ft<sup>2</sup>/gallon (7.4 – 9.8 m<sup>2</sup>/L), it meets the moisture retention requirements of ASTM C 309, Type 1, specification for liquid membrane-forming curing compounds.

### Yield

One gallon (3.8 L) will cover approximately 300 – 400 ft<sup>2</sup> (7.4 – 9.8 m<sup>2</sup>/L). Broomed or floated surfaces will reduce the coverage, depending on the texture.

### Packaging

5 gallon (19 L) pails  
55 gallon ( 208 L) drums

### Shelf Life

1 year when properly stored

### Storage

Store in unopened containers in clean, dry conditions. Keep from freezing. Do not store below 40° F (4° C).

### Features

- Ensures high curing efficiency
- Provides increased wear resistance
- Nonyellowing
- 26% solids content
- Contains no VOCs
- Sprayable

### Benefits

- Allows concrete to attain full strength potential
- Longer-lasting concrete floors and slabs
- Suitable for indoor or outdoor use
- Meets military specifications for high-solids
- Nontoxic; safer application
- Quick and easy to apply

### Where to Use

#### APPLICATION

- Curing floor toppings and dry-shake hardeners (Masterplate® and Anvil-Top®)
- Where curing compounds must later be removed
- Where solvent vapors must be avoided
- Where government regulations limit VOC discharge
- Where moisture-retention requirements are necessary

### How to Apply

#### Surface Preparation

1. Apply 1 coat of Kure 200W by constant pressure sprayer, airless industrial sprayer, garden sprayer, or short-nap roller at the recommended coverage rate. When applying by short-nap roller, do not overlap. If bubbles appear on surface, slow down the speed of rolling. Kure 200W must be applied in 1 application. Do not apply a second coat.
2. Use hot water and detergent to clean rollers and spray equipment before Kure 200W dries.
3. Drying time is approximately 1 hour at 70° F (21° C) with the relative humidity at 50%. Higher humidity or a lower temperature will increase the drying time. Note that the 1-hour time is for drying only; the full strength of the curing membrane will not develop for 2 – 4 days.



## Technical Data

### Composition

Kure 200W is a water-based polymer and wax-emulsion curing and sealing compound.

### Compliances

- When applied at a rate of 350 ft<sup>2</sup>/gallon (8.6 m<sup>2</sup>/L), Kure 200W exceeds ASTM C 309 requirements with water loss of 0.35 kg/m<sup>2</sup> or less. ASTM C 309 sets a limit of 0.55 kg/m<sup>2</sup> in 72 hours at the coverage rate of 200 ft<sup>2</sup>/gallon (4.9 m<sup>2</sup>/L).
- Atmospheric discharge of volatile organic compounds (VOC) and special solvents, Federal Air Quality Regulation 40 CFR 52.254 (Kure 200W is totally free of organic solvents or alcohols.)

### Typical Properties

PROPERTY	VALUE
Solids content, %, by weight	26

### Removal

Ease of curing compound removal is directly related to the length of time the compound is left on a surface. If Kure 200W will be removed at some point, remove it as soon as curing period is complete (no longer than 28 days) for best results.

1. Sweep or vacuum area to be stripped.
2. A hot-water pressure washer works best to remove the membrane. Pressure-wash area with hot water, which will soften and remove much of the wax.
3. While the floor is wet and the wash water warm, apply biodegradable detergent, degreaser, or stripping compound diluted according to manufacturer's recommendations. (The entire area, once wet, must stay wet during the cleaning process.) Use a mechanical scrubber equipped with vacuum pickup.
4. Let solution sit for 10 – 15 minutes, re-wet areas that begin to appear dry. Scrub area with a mechanical scrubber equipped with wax stripping pads. This will lift soil and most of the curing compound.
5. Reapply the stripper and repeat the scrubbing procedure.
6. Vacuum remaining water, detergent, and soil. If necessary, apply another lighter application of the solution, concentrating on heavily soiled areas and low spots.
7. Rinse floor with clean water.

### For Best Performance

- Do not use as a nonslip surface while the curing membrane is intact.
- Do not use for any architectural concrete.
- Kure 200W curing compound should be stirred well before using. Re-stir occasionally.
- DO NOT allow this product to freeze. If it freezes, do not use the product; dispose of it properly.
- Ambient temperatures, concrete, product, and all associated equipment should be between 45 and 85° F (7 and 29° C) for best results.
- DO NOT use as a bondbreaker or apply over a bondbreaker.
- DO NOT apply while standing water remains on slab.
- DO NOT add water or solvents or otherwise dilute the product.
- Protect the surface from rain until the film has totally dried (when clear).
- DO NOT use acid to remove Kure 200W. Acids will NOT dissolve the wax coating but will dissolve the surface of the concrete floor.
- BASF is responsible only for the efficacy of the curing compound and not for its removal. Removal products and methods suggested in this product data sheet, however, are based on techniques proven successful.
- Ease of curing compound removal is directly related to the length of time the compound is left on a surface. If Kure 200W will be removed at some point, remove it as soon as curing period is complete (no longer than 28 days) for best results.
- Make certain the most current versions of product data sheet and MSDS are being used; call Customer Service (1-800-433-9517) to verify the most current versions.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.
- CAUTION: When using this procedure on Masterplate® metallic floors, surfaces may oxidize. The owner should be aware that the oxidation is unavoidable; however, normal traffic will remove the light surface oxidation. A test area is recommended.

## **Health and Safety**

KURE 200W

### **Caution**

Kure 200W contains no hazardous ingredients as defined by 29 CFR 1910.1200 or WHMIS.

### **Risks**

May cause skin, eye or respiratory irritation.  
Ingestion may cause irritation.

### **Precautions**

KEEP OUT OF THE REACH OF CHILDREN. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep container closed when not in use. DO NOT take internally. Use only with adequate ventilation. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations.

### **First Aid**

In case of eye contact, flush thoroughly with water for at least 15 minutes. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

Refer to Material Safety Data Sheet (MSDS) for further information.

### **Proposition 65**

This product does not knowingly contain material listed by the state of California as known to cause cancer, birth defects, or other reproductive harm.

### **VOC Content**

0 lbs/gal or 0 g/L less water and exempt solvents.

**For medical emergencies only,  
call ChemTrec (1-800-424-9300).**

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Form No. 1019378 9/07

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