TECHNICAL DATA SHEET

SPECGUARD

High-Gloss Concrete Protectant/Polish

DESCRIPTION

SpecGuard is a multi-component, water-based polymeric protectant that improves the appearance and durability of concrete floors. SpecGuard incorporates cross-linking nanotechnology that aids penetration and adhesion, creating a tough, stain-resistant coating. SpecGuard also contains UV absorbers that protect colored or dyed concrete against UV degradation. SpecGuard can be used alone or with reactive sealer/densifiers such as SpecHard or LithSeal SC to give concrete floors a glossy finish, harder surface and protective, chemically resistant seal.

BENEFITS

- Provides 24-hour stain protection against the most common stain-causing agents in grocery stores, restaurants, warehouses and distribution centers
- Treated floors exhibit instant exceptional gloss and long-lasting scuff, scratch and stain protection
- Does not require buffing
- Protects colored or dyed concrete from UV degradation
- High-solids concentrated formula
- Durable/breathable
- Retains high gloss under scrubbing
- Resists staining from periodic dripping of hot oils, making it ideal for food preparation areas
- Rejuvenates with dry buffing
- Easy to apply and reapply
- Safe to use – water-based, low odor
- SpecGuard meets all federal VOC requirements (check local/regional regulations for compliance)

APPLICATION

Always apply SpecGuard to a clean surface free of cures, bond breakers, oil, dirt, grease or debris. When necessary, clean concrete surfaces with SpecChem Orange Peel Citrus Cleaner, neutralize with a neutral-pH detergent and thoroughly flush with water. SpecGuard may be applied to steel-troweled, honed, polished or highly polished concrete.

Dilution: SpecGuard is a high-solids concentrate that can be diluted with water prior to use. The ratio depends on concrete porosity and the desired gloss and chemical resistance. For maximum chemical resistance, use SpecGuard undiluted. Most floors will require a 2:1 dilution (SpecGuard to water).

1. Lightly wet a clean microfiber pad with SpecGuard and wring out the excess, leaving the pad damp.

2. Working from one control joint to another, apply a light, fine spray of SpecGuard to a small section of floor using a clean pump-up sprayer fitted with a 0.5 gpm spray tip.

3. Using the damp microfiber pad and firm downward pressure, immediately spread SpecGuard into a thin, even coat. Spread as far as possible while maintaining a wet edge. Properly applied, SpecGuard dries quickly; stop spreading once drying begins. Avoid overlapping.

4. Allow to dry tack-free, typically 20–60 minutes.

5. Once dry, burnish with a high-speed burnisher fitted with a burnishing pad or equivalent. High-speed burnishing heats SpecGuard, helping it fuse and bond with the concrete for increased durability and longevity.

6. Repeat steps 1–5 as necessary for the desired finish, burnishing between coats. Apply up to three coats for maximum gloss. Under typical conditions, the surface is

ready for traffic within 1 hour of final burnishing; protect from water exposure for 72 hours.

COVERAGE

One gallon of diluted SpecGuard covers 500–1,000 sq ft (12.3–24.5 m²/L), depending on the texture and porosity of the surface.

The actual coverage rate required to achieve the desired appearance and protection should be determined by a small on-site test application.

TECHNICAL DATA INFORMATION

Appearance	Milky white
Weight per gallon	8.4 lb (1.01 kg/L)
VOC content	< 250 g/L
Min. application temp.	45 °F (7 °C)
Solids	20–22%

USDA accepted for indirect food contact

PACKAGING

55-gallon plastic drums (208.2 L)

5-gallon plastic pails (18.9 L)

1-gallon jugs, 4 per case (3.8 L)

SHELF LIFE

Shelf life of SpecGuard in the original, tightly closed container is one year from the date of manufacture.

LIMITATIONS

- Recommended for interior use only. Allow applied SpecGuard to cure for a minimum of 7 days before cleaning.
- Ammonia- or amine-containing cleaners or detergents will cause irreparable damage to SpecGuard, requiring reapplication to restore gloss.
- The stain protection properties of SpecGuard have been tested on smooth, steel-troweled concrete treated with SpecHard siliconate hardener and LithSeal SC lithium densifier; they have not been tested with other liquid floor hardeners or on other surfaces, including tile and stone.
- SpecGuard may be used over most acrylic sealers, provided the surface is properly cleaned and a test sample is performed to verify compatibility.
- Before applying SpecGuard to any other surface for stain prevention, perform an adequate test on a representative sample replicating actual use. Allow 72 hours of dry time before testing stain resistance.
- The product is intended to provide a reasonable opportunity to clean up spills. In some cases it will act as sacrificial protection and require reapplication, following the procedures above, once the spill has been cleaned.
- Protect from freezing. If frozen, packaging may rupture and emulsion stability may be affected, making the product difficult to keep mixed during application. Do not use product suspected of freezing.

PRECAUTIONS

INDUSTRIAL USE ONLY

Additional precautions, safety information and first aid are contained in the Safety Data Sheet (SDS).

WARRANTY

NOTICE – READ CAREFULLY

CONDITIONS OF SALE

SpecChem offers this product for sale subject to and limited by the warranty which may only be varied by written agreement of a duly authorized corporate officer of SpecChem. No other representative of or for SpecChem is authorized to grant any warranty or to waive limitation of liability set forth below.

WARRANTY LIMITATION

SpecChem warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, SpecChem will replace the defective product with new product without

charge to the purchaser. SpecChem makes no other warranty, either expressed or implied, concerning this product. There is no warranty of merchantability. NO CLAIM OF ANY KIND SHALL BE GREATER THAN THE PURCHASE PRICE OF THE PRODUCT IN RESPECT OF WHICH DAMAGES ARE CLAIMED.

INHERENT RISK

Purchaser assumes all risk associated with the use or application of the product.

Revised 09/30/26

1511 Baltimore Ave, Suite 600
Kansas City, MO 64108

www.SpecChem.com
816-968-5600