



GLACIER

zinc-free floor finish and sealer

Glacier® is a zinc free, metal free, high solids, high gloss seal and finish designed with the environment in mind. It contains no ingredients suspected or known to negatively impact water treatment and purification systems.



Providing Quality Maintenance and Chemical Specialty Solutions with Unparalleled Customer Service



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**HIGH SOLIDS, HIGH GLOSS,
NON-YELLOWING:**

The Glacier® formula features exceptional clarity resulting in depth of gloss and superior durability. It features no yellowing as well, but the best features are what it does NOT contain: Zinc, heavy metals, glycol ether, and formaldehyde. It also has very low silicone and ammonia content.

USER FRIENDLY:

Glacier® has no reportable volatile organic compounds (VOC's); solvents that evaporate quickly, cause unpleasant odors and negatively affect air quality. In addition, Glacier® has less than 1/10 percent ammonia and no formaldehyde. As a consequence, Glacier® produces no heavy chemical or other unpleasant odors. The addition of a light fragrance makes Glacier® unique and extremely pleasant to use.

EASY TO APPLY & MAINTAIN:

Glacier's formulation allows for faster recoating without mop drag. Glacier® levels well and produces a film that high speed burnishes without powdering.

Detergent resistant. Easy to repair. Glacier® may be spraybuffed or high speed dry buffed to renew and enhance gloss. Restore and maintain Glacier® with zinc-free Spraybuff or Super Spraybuff and conventional machines. For high speed equipment, dilute Glacier® 2:1 and use as a mop-on restorer.

DIRECTIONS FOR USE:

Some individuals may be sensitive to ingredients in this product. Before using, read product label and MSD sheet. Wet floors may be slippery. Prevent pedestrian traffic with signs or barricades.

INITIAL APPLICATION:

1. Completely strip all old wax or floor finish. Depending upon build-up, use hot water and a Spartan stripper.
2. Remove all stripping solution and follow with two to three clear water rinses. Allow to dry.
3. Apply Glacier® in a uniform, thin coat. Let dry thoroughly: normal conditions, 30 minutes; high humidity, 45 minutes or longer. Apply subsequent coats in the same manner. Three to five coats are recommended.

MAINTENANCE:

1. Dust mop or sweep floor as necessary. Spartan water-based Dust Mop/Dust Cloth Treatment is recommended.
2. Damp mop using a Spartan neutral cleaner.
3. To easily repair traffic areas between finish applications:
 - a. Conventional Machines: Use Spartan Spraybuff or Super Spraybuff. Traffic lanes may be recoated as necessary.
 - b. High Speed Machines: Mix one gallon Glacier® with two gallons of water (1:2). Saturate clean mop and wring thoroughly. Apply thin coat of diluted Glacier® and let dry. Dry buff or burnish using a non-aggressive polishing pad. Traffic lanes may be recoated as necessary.

4. For heavily-soiled areas, machine scrub and recoat or completely strip and re-finish.

NOTE: For best results always use Spartan floor cleaners and strippers.

Be sure to read all Directions, Precautionary and First Aid Statements on product labels before use of this or any Spartan product. If questions remain, consult your employer or a physician. Material Safety Data Sheets for all Spartan products are available from your authorized Spartan distributor or by visiting www.spartanchemical.com.

SPECIFICATIONS:

Total Solids - 26.5%
Non-Volatile Solids - 21.5%
pH (Concentrate) - 8.0-8.5

Stability:

- a. Storage @ 24°/75°F - One year minimum
- b. Accelerated @ 49°C/120°F - 30 days minimum
- c. Freeze/Thaw - Protect from freezing

Gloss (Gardner)

- a. One coat - 80-85
- b. Two coats - 85-90

Static coefficient of friction meets or exceeds 0.5 as determined by ASTM method D 2047.

COVERAGE:

2,000 to 3,000 square feet per gallon depending on application method and porosity of floor.

PACKAGING	
400060	275-gallon totes
400055	55-gallon drum
400030	30-gallon drum
400015	15-gallon drum
400005	5-gallon pail
400004	1-gallon (4 per case)



Label copy is provided in English and Spanish. Secondary labels are also available.

GUARANTEE: Spartan's modern manufacturing and laboratory control insure uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit within one year of the date of manufacture. Use product as directed and read all precautionary statements.



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