



# High Frontier®

## thermoplastic floor coating

High Frontier® is an emulsion formulation containing proprietary thermoplastic polymers, resins and waxes designed for use in aggressive ultra high speed buffing programs. Buffing High Frontier actually increases the intensity of the gloss.



Providing Quality Maintenance and Chemical Specialty Solutions with Unparalleled Customer Service



Spartan Chemical Company, Inc.  
 1110 Spartan Drive  
 Maumee, OH 43537  
 1-800-537-8990  
 www.spartanchemical.com

**VERY HIGH GLOSS:**

A specially blended and balanced emulsion of proprietary thermoplastic polymers and resins, the High Frontier formula produces an exceptional deep initial gloss. Easy to repair, High Frontier's flexible film characteristic provides instant response when burnished. A quick high speed buff each day in high traffic areas dramatically enhances the overall gloss and appearance.

**MAXIMUM TIME AND LABOR SAVINGS:**

Formulated to maximize the effectiveness of propane, electric and battery-operated burnishing equipment, High Frontier provides maximum economies with exceptional time and labor saving benefits.

**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. Please be sure to 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 two coats of a Spartan seal.

4. Apply three uniform coats of High Frontier. Let each coat dry 30 minutes or until surface is completely dry to the touch. Apply subsequent coats in the same manner. May be buffed when completely dry. **FOR BEST RESULTS, ALLOW HIGH FRONTIER TO DRY AND CURE FOR 24 HOURS BEFORE BUFFING.** Gloss and depth dramatically improve with more coats.

**MAINTENANCE:**

- Routine:** Dust floor and damp mop with Spartan Damp Mop Neutral Cleaner. Dry buff. Dust mop.
- Periodic:** Dust floor and damp mop with neutral Cleaner.
- As Needed:** Deep scrub and recoat; or completely strip, reseal and reapply floor finish.

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

**PAD RECOMMENDATIONS:**

- Depth and amount of gloss will vary depending upon type of pad and machine used. For best results, use a 2000+ rpm machine and
- a. Natural fiber pad for restoring badly worn floors.
  - b. White synthetic pad for polishing to an ultra high gloss.

**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](http://www.spartanchemical.com).**

**SPECIFICATIONS:**

- Total Solids – 25.0%
- Non-volatile Solids – 20.0%
- pH 8.4 – 8.8
- Stability:
  - a. Storage @ (24°C/75°) - one year minimum
  - b. Accelerated @ (52°C/125°F) – 30 days minimum
  - c. Freeze/thaw Cycle – can withstand 3 cycles
- Gloss (Gardner):
  - a. One coat 80 – 85
  - b. Two coats 90 – 95

Static coefficient of friction meets or exceeds 0.5 as determined by the ASTM method D2047.

**COVERAGE:**

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



Distributed by:

PACKAGING	
401260	275-gallon totes
401255	55-gallon drum
401230	30-gallon drum
401215	15-gallon drum
401205	5-gallon pail
401204	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.

For institutional and industrial use only.

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