

# VETERAN BRAND

## PROTECTO

### High Solids Floor Finish

#### DESCRIPTION

Finally, a finish that wears as well as it looks. Provides diamond like clarity and brilliant gloss, along with extended wear properties never before available in one product. Will respond beautifully to conventional, high, or ultra-high speed floor equipment after weeks of wear and traffic when used with a spray buff or mop-on restorer. Saves enormous amounts of time and labor by requiring less maintenance.

#### DIRECTIONS

**PREPARATION:** If stripping is necessary, use a high quality product and follow directions accordingly. If floor is in good condition and stripping is not necessary; sweep up excess dirt and dust and then clean with a good quality cleaner to remove dirt and oils. Follow with a thorough rinsing and allow to dry completely.

**FINISHING:** Spread a liberal coat of finish evenly across the floor with a clean mop or applicator. Allow each coat to dry at least 1 hour before applying the next coat. Two or three coats are desired initially, depending on the condition of the floor and gloss desired.

**MAINTENANCE:** The floor may be maintained using a quality floor cleaner and damp mopping regularly. Spray buffing or mop-on restoring may also be done after sweeping up loose dirt and dust. Follow directions for each product accordingly.

1-gallon case:  
Part# 997358  
NSN# 7930-01-398-0994

5 gallon pail:  
Part# 997095  
NSN# 7930-01-398-0995

55 Gallon:  
Part# 997010  
NSN# 7930-01-398-0998

#### PRODUCT SPECIFICATIONS

<b>Type:</b>	Highly crosslinked acrylic	<b>Buffability:</b>	Spray buff or restorer
<b>Non-volatile solids:</b>	24.0±0.5%	<b>Removability:</b>	With instant type strippers
<b>Color:</b>	Milky white	<b>Detergent Resistance:</b>	Excellent
<b>Odor:</b>	Mild	<b>Waterspot Resistance:</b>	Excellent
<b>pH:</b>	8.5 - 9.0	<b>Heel Mark Resistance:</b>	Excellent
<b>Dry/Recoat Time:</b>	1 hour min.	<b>VOC Content:</b>	0.361 lbs./gal.
<b>Slip Resistance:</b>	0.5 min. by ASTM D2047	<b>Storage/Stability:</b>	2 years
<b>Gloss:</b>	95+ specular	<b>Freeze/Thaw Stability:</b>	Keep from freezing
<b>Leveling:</b>	Excellent	<b>Weight per Gallon:</b>	8.65 lbs./gal.
		<b>Coverage:</b>	1800-2200 ft <sup>2</sup> per gal.



**Cavalier Inc.**

PO Box 11171 Norfolk, Va. 23517  
Phone: 757-855-6091 Fax: 757-855-1818  
www.cavalierva.com

**MATERIAL SAFETY DATA SHEET**

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

N/A=Not Applicable  
Effective Date: 1/09 Revision: n/a

**SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION**

<b>Product Name:</b> Protecto	<b>Supplier's Name:</b> Cavalier, Inc.
<b>Generic Name:</b> High Wear/ High Solids Floor Finish	<b>Supplier's Address:</b> PO Box 11171 Norfolk, Va. 23517
<b>Chemical Family:</b> Acrylic Wax Blend	<b>Supplier's Phone #:</b> Phone: 757-855-6091 Fax: 757-855-1818
<b>Formula:</b> Proprietary	

**SECTION 2-INGREDIENT INFORMATION**

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Acrylic Copolymer Dispersion	63744-68-3	45 to 50			
Resin Solution	65405-63-2	5 to 10			
Polypropylene Wax	25722-45-6	0 to 5			
Polyethylene Wax	68441-17-8	5 to 10			
Tributoxy Ethyl Phosphate	78-51-3	0 to 5			
Diethylene Glycol Ethyl Ether	111-90-0	0 to 5			
Dipropylene Glycol Methyl Ether	34590-94-8	0 to 5			

**SECTION 3-PHYSICAL DATA**

**Boiling Point (°F):** 212 F.  
**Vapor Pressure:** 20mm Hg @ 68 F.  
**% Volatile:** 70+  
**Solubility in Water:** Complete  
**Physical Description:** Thin milky liquid with characteristic odor.

**Specific Gravity:** 1.039  
**Vapor Density (Air=1):** >1  
**pH:** 8.0-9.0  
**Evaporation Rate (Water=1):** <1

**SECTION 4-FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (Method Used):** None  
**Upper Explosion Limit:** N/A  
**Lower Explosion Limit:** N/A  
**Extinguishing Media:** N/A  
**Special Firefighting Procedures:** Non Flammable  
**Unusual Fire and Explosion Hazards:** N/A

**SECTION 5-REACTIVITY DATA**

**Stability:** Stable  
**Hazards Decomposition Products:** Will not occur.

**Hazardous Polymerization:** None  
**Incompatibility (Materials to Avoid):** None

**SECTION 6-STORAGE AND HANDLING INFORMATION**

Keep out of reach of children. For use by trained personnel only. Keep unauthorized personnel away when applying to floor. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing of vapors. Use in well-ventilated area.

**SECTION 7-HEALTH HAZARDS AND FIRST AID**

**Effects of Overexposure:**  
**Skin:** Prolonged or repeated contact may cause dermatitis.  
**Eyes:** Eye irritant. May cause redness or swelling.  
**Inhalation:** Vapors may cause headache, dizziness, nausea.  
**Ingestion:** May be irritating to the mouth, throat, and gastrointestinal system. Vomiting and diarrhea expected with large doses.

**First Aid Procedures:**

**Skin:** Flush with water. Seek medical attention if irritation persists.  
**Eyes:** Flush with large quantities of water, holding eyelids open. Seek medical attention.  
**Inhalation:** Remove victim to fresh air and monitor.  
**Ingestion:** Dilute with 2 glasses of water. Seek medical attention if symptoms persist.

**SECTION 8-SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** Use in well-ventilated area.  
**Ventilation Requirements:** Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.  
**Protective Gloves:** Chemical resistant rubber or neoprene.  
**Eye Protection:** Safety glasses or chemical splash goggles  
**Other Protective Equipment:** Protective footwear (rubber boots) should be worn when using product on floor.

**SECTION 9-SPILL OR LEAK PROCEDURES**

**Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.  
**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

**SECTION 10-REGULATORY INFORMATION**

**SARA Title III - Section 311/312 -Hazard Categories:**  
 No - Fire Hazard  
 No - Sudden Release of Pressure Hazard  
 No - Reactivity Hazard  
 Yes - Immediate (acute) Health Hazard  
 No - Delayed (chronic) Health Hazard

**Shipping Information:**  
 FOR CONTAINERS > 1 Gallon : Liquid Floor Wax  
 FOR 1 GALLON CONTAINERS : Liquid Floor Wax  
 FOR CONTAINERS < 1 GALLON : Liquid Floor Wax

**HMS Hazardous Materials Identification System**

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>A</b>

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

**SECTION 11-OTHER INFORMATION**

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product