



COATINGS

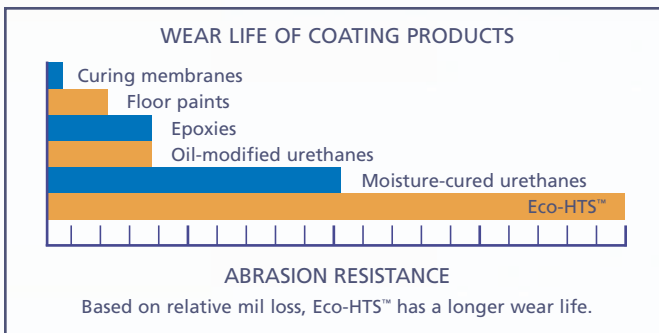
First Impressions That Last.™



Eco-HTS™

Satin Urethane Topcoat

The Perfect Choice for High-Traffic Areas



- **Extremely Durable**—Lasts up to twice as long as standard urethanes and up to four times longer than standard epoxies
- **Creates a Safer Workplace**—Greater light reflectivity results in a brighter work environment
- **Economical**—Reduces overhead through lower lighting bills and cleaning maintenance costs
- **UV Stable**—100 percent aliphatic formula; non-yellowing

Eco-Advantage™



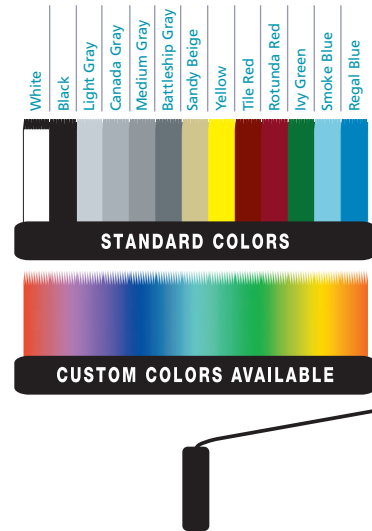
Low Odor
 Environmentally Friendly
 User Friendly
 VOC-VOS Compliant

Low Odor No noxious fumes; will not contaminate odor-sensitive inventory.
Environmentally Friendly Reduced solvent means less evaporation and less waste.
User Friendly Can be applied during normal business hours—no shutdown required.
VOC-VOS Compliant Meets VOC regulations in the United States, Canada and Mexico.

The High-Wear Answer for High-Traffic Areas.

Eco-HTS™ is a premium, 100 percent aliphatic urethane designed for loading docks, main traffic aisles, warehouses and anywhere heavy-wheeled traffic is used. It consists of a proprietary three-component formula that combines aluminum oxide, ceramics and an abrasion-resistant polymer to achieve a long-lasting, high-performance finish.

Eco-HTS™ Snapshot	
APPEARANCE:	Satin finish with slight texture
COLOR:	Clear, plus standard and custom colors
VOC COMPLIANCE:	Very low VOC, 128 g/L
ABRASION RESISTANCE:	Superior
CHEMICAL RESISTANCE:	Superior
UV STABILITY:	100% aliphatic formula; non-yellowing*
APPLICATIONS:	Aisles, loading docks, repair shops, hangars and other high-traffic areas
INSTALLATION:	Customer or contractor applied
*Over the normal life of the coating.	



Chemical Resistance Properties		1 day	7 day
Acids, Inorganic	10% Hydrochloric Acid	E	E
	30% Hydrochloric Acid (Muriatic)	G	G
	10% Nitric Acid	G	G
	50% Phosphoric Acid	G	G
	37% Sulfuric Acid (Battery Acid)	G	G
Acids, Organic	10% Acetic Acid	E	E
	10% Citric Acid	E	E
	Oleic Acid	E	E
Alkalies	10% Ammonium Hydroxide	E	E
	50% Sodium Hydroxide	E	E
Solvents (Alcohols)	Ethylene Glycol (Antifreeze)	E	E
	Isopropyl Alcohol	E	E
	Methanol	G	G
Solvents (Aliphatic)	d-Limonene	E	E
	Jet Fuel (JP-4)	E	E
	Gasoline	E	E
	Mineral Spirits	E	E
Solvents (Aromatic)	Xylene	E	E
Solvents (Chlorinated)	Methylene Chloride	P	P
Solvents (Ketones & Esters)	Methyl Ethyl Ketone (MEK)	E	E
	Propylene Glycol Methyl Ether Acetate (PMA)	E	E
Miscellaneous Chemicals	20% Ammonium Nitrate	E	E
	Brake Fluid	E	E
	Bleach	E	E
	Motor Oil (SAE30)	E	E
	Skydrol® 500B	E	E
	Skydrol® LD4	E	E
	20% Sodium Chloride	E	E
	1% Tide® Laundry Soap	E	E
	10% Trisodium Phosphate	E	E

Based on 1-day and 7-day spot testing on concrete. Coating cured 2 weeks prior to testing. Skydrol® is a registered trademark of Monsanto. Tide® is a registered trademark of Proctor and Gamble.

Legend:
 E = Excellent (No Adverse Effect) F = Fair (Moderate Adverse Effect)
 G = Good (Limited Adverse Effect) P = Poor (Unsatisfactory)

Physical/Performance Properties		
MATERIAL PROPERTIES (LIQUID)		
Property	Test Method	Results
Flash Point, °F (°C) Seta Closed Cup	ASTM D3278	190 (88)
Percent Solids, by weight	ASTM D2369	Part A: 97 Part B: 16 Part C: 100 Mixed: 91.5
Density, lb/gal (kg/L)	ASTM D1475	Part A: 10.82 (1.30) Part B: 8.83 (1.06) Part C: 83.00 (3.96) Mixed: 12.58 (1.51)
Shelf Life		6 months
Viscosity, cps Brookfield	ASTM D2196	Part A: 1100-1500 Part B: 5 Mixed: 500-700
Volatile Organic Compound (VOC) lb/gal (g/L)	ASTM D3960	Mixed: A+B+C 1.06 (128)
CURED COATING PROPERTIES (DRY FILM)		
Property	Test Method	Results
Abrasion Resistance, mg loss* Taber Abraser	ASTM D4060	30-40
Coefficient of Friction (COF) James Friction Tester	ASTM D2047	0.62-0.66
Dry Film Thickness (mils)		2.93 (1 coat)
Tensile Strength, psi (kPa)	ASTM D2370	2,210 (15,227)
Percent Elongation	ASTM D2370	5
Sward Hardness (1 mil film)	ASTM D2240	35-40
*CS-17 Taber Abrasion Wheel (1,000 gram load, 1,000 revolutions)		
APPLICATION CHARACTERISTICS		
Property		Results
Coverage Rate, ft ² /gal		500
Application Thickness, wet mils		2.9 (1 coat)
(Results are based on conditions at 77°F, 50% relative humidity.)		



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 8/04 (5M) Material #1250-14 GLS