

APPLICATION INFORMATION

(Continued)

ATTENTION IMMEDIATELY.

PHYSICAL EMERGENCY PROCEDURES: If ignited, extinguish with CO₂ or dry chemicals. Water or foam may cause frothing. Water may be used to keep containers cool or flush spills away from area of involvement.

Consult Material Safety Data Sheet (MSDS) for this product or call Southwestern Petroleum Corporation at (817) 332-2336 for further health and safety information.

PRODUCT DATA BULLETIN

ULTRAGUARD MULTI-PURPOSE POLYURETHANE COATING

DESCRIPTION AND PURPOSE:

UltraGuard Multi-Purpose Polyurethane Coating is a premium quality, high gloss coating designed for protection and beautification of concrete floors, masonry surfaces, structurally sound metal surfaces and wood. Used indoors or outside, it provides a water repellent surface with moderate chemical resistance. Advanced polyurethane resin chemistry provides long service life, repelling liquid spills and resisting normal abrasion and scuffing.

OUTSTANDING FEATURES:

ECONOMICAL PROTECTION FOR OLD & NEW CONCRETE FLOORS

UltraGuard Multi-Purpose Polyurethane Coating is especially formulated to protect and preserve concrete flooring and sidewalks. It penetrates and seals existing concrete to produce a hard durable surface that protects against wear, scuffing and marring. And because it also provides repellency and mild chemical resistance, it helps concrete resist the damaging effects of salt, alkalinity, calcium chloride, ice melters, detergents, mild acids, moisture and frost penetration.

SAVES TIME

UltraGuard Multi-Purpose Polyurethane Coating can help take the pressure off cleaning budgets. Surfaces resist soil build-ups and many types of staining. So they are easier and less time consuming to keep clean.

WIDE COLOR RANGE

UltraGuard Multi-Purpose Polyurethane Coating comes in seven popular architectural, commercial and industrial colors which extends its use to a wide range of applications.

WIDE RANGE OF USES

Perfect for warehouse floors, porches, equipment rooms, utility rooms, maintenance bays ... metal tanks, railings, stairs, catwalks, piping ... masonry walls, curbs ... wood porches, railings, decks ... and many other indoor and outdoor surfaces.

EASY TO APPLY

Application is fast with standard brushes or short nap synthetic rollers. Or use airless spray equipment to make short work of larger jobs. The fast drying formulation gets surfaces back in service quickly. And the economical coverage rate makes it easy to protect and preserve all your concrete, masonry, metal and wood surfaces without straining maintenance budgets.



GENERAL DATA:

TYPICAL PHYSICAL PROPERTIES

Viscosity, KU	68-70
Gloss Rating, 60%, units	80-90
Unit Weight, lb/gal	9.40
Unit Weight, kg/liter	1.13
Drying Time, @ 77°F (25°C), To Touch, hrs	2-4
Drying Time, @ 77°F (25°C), To Recoat, hrs	24
Flash Point, TCC, °F (°C)	105 (40.5)
Temperature	
Application, Min, °F (°C)	50 (10)
Application, Max, °F (°C)	90 (32.5)
Storage, Min, °F (°C)	None (None)
Storage, Max, °F (°C)	120 (49)
Color	White, Tile Green, Tile Red, Chestnut, Oak, Confederate Gray, Light Gray
Odor	Petroleum Naptha

TYPICAL PERFORMANCE PROPERTIES

Workability	Apply by brush, roller or airless spray
Film Hardness, Pencil Test, ASTM D3363-92a	6B
Adhesion, Tape Test, ASTM D3359-92a	
Metal	4B
Concrete Block	4B
Wood	4B
Concrete Flooring	5B
Concrete Vertical Masonry	5B
Chemical Resistance	
n. butyl alcohol, 100%, 24 hrs	No Effect
xylene, 100%, 24 hrs	No Effect
mineral spirits, 100%, 24 hrs	No Effect
methyl ethyl keytone (MEK), 100%, 24 hrs	Wrinkle
Typical Chemical Analysis	
VOC, %	3.693
Non Volatile, % wt	60.6
Volatile, % wt	39.4
Shelf Life, in unopened containers	2 years

Note: Not recommended for immersion service or applications characterized by exposure to strong chemicals, high heat or continuous moisture. See Product Container Label for complete application information.

APPLICATION INFORMATION:

IMPORTANT: SWEPCO UltraGuard Multi-Purpose Polyurethane Coating is a quick drying polyurethane coating designed for exterior or interior use on concrete, wood and structurally sound metal surfaces. Excellent resistance to water, wear, chipping and maring and moderate chemical resistance make it suitable for protection and beautification of floors, walls, railings, mechanical equipment, fixtures and many other industrial and commercial surfaces. It is NOT recommended for immersion service or applications characterized by exposure to strong chemicals, high heat or continuous moisture.

PREPARATION: All surfaces must be dry and be free of dirt, oily substances and foreign material. Patch any cracks, nail holes or other imperfections. Previously painted surfaces should be scraped or wire brushed to remove scale, rust or flaking paint. Glossy or slick surfaces should be dulled with fine sandpaper or steel wool to remove any gloss and improve adhesion. Bare metal should be primed with SWEPCO Anti-Rust Coating. New wood should be sanded and wiped with a tack cloth to remove sanding dust. New concrete should be allowed to cure a minimum of 30 days and then etched with a 10% muriatic acid solution, flushed with clean water and allowed to dry thoroughly. Minimum 1700 psi 12 n/mm² airless equipment with .015-.019 (0.38-0.48 mm orifice) tip is recommended for spray application. If absolutely necessary to obtain proper spray pattern, product can be thinned up to a maximum of 1/2 pint per gallon (1:16) with mineral spirits.

APPLICATION: Stir contents thoroughly before using. If product has been sitting undisturbed for some time, mechanical agitation is recommended for complete dispersion of pigment. Apply with brush, short nap synthetic roller, spray or pad. Best performance on new or previously uncoated concrete flooring, vertical masonry surfaces and wood surfaces will be achieved by thinning first coat with one pint of mineral spirits per gallon of coating to enhance penetration and bonding. Apply subsequent coat(s) without thinning, after previous coat(s) have dried to touch.

APPLICATION PRECAUTIONS: Apply only when temperature of the air and surface are both above 50°F (10°C). Do not over apply; brush out all build-ups or puddling.

MINIMUM COVERAGE RATES: Coverage varies with texture and porosity of the surface being coated.

Typical coverage for dense smooth surfaces is 0.25 gal. per 100 sq. ft. (0.10 liter/m²)

CURING: Curing times vary with temperature and humidity. However, it is normally cured enough for recoating or light traffic in 12 hours.

CLEAN-UP: Clean tools and spills with mineral spirits before product dries.

ADDITIONAL INFORMATION: For additional information or recommendations, write: Southwestern Petroleum Corporation, P.O. Box 961005, Fort Worth, Texas 76161-0005; Southwestern Petroleum Canada, Ltd., 87 West Drive, Brampton, Ontario, Canada L6T 2J6; or N. V. Southwestern Petroleum Europe S.A., P.O. Box 3, B-2390 Oostmalle, Belgium.

SAFETY PRECAUTIONS

Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wear protective goggles, gloves and clothing. Avoid prolonged breathing of vapors. Use with adequate ventilation or approved respirators in confined areas. Do not take internally. Do not transfer to unlabeled or breakable containers. Use only for purposes intended. Keep out of reach of children.

EFFECTS OF OVEREXPOSURE:

Contact with eyes or prolonged or repeated contact with skin can cause allergic reaction, irritation and/or inflammation. Prolonged breathing of vapors can cause respiratory difficulty, dizziness, headache, nausea, irritation of nose or throat, tremors, paralysis, diarrhea, vasodilation, drowsiness, fatigue, pneumonitis, pulmonary edema or central nervous system depression. Ingestion can cause symptoms similar to inhalation; aspiration into lungs can cause serious injury or death.

FIRST AID PROCEDURES: Eye contact - Flush with water for 15 minutes. If pain or redness persists seek medical attention immediately. Skin Contact - Wash with soap and water wiping off excess material. If irritation persists, seek medical attention. Inhalation - Remove to fresh air. If breathing difficulty persists, give oxygen or resuscitate and SEEK MEDICAL ATTENTION IMMEDIATELY. Ingestion of Resin - If large amounts are ingested, induce vomiting if conscious. SEEK MEDICAL ATTENTION IMMEDIATELY. Ingestion of Activator - Give generous amounts of water. Do NOT induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration. SEEK MEDICAL