



Poly-Cur™

Product Information

S-200

Moisture-Cured, One Part Urethane

Product Description

S-200 is a solvent born, VOC compliant, non-HAP, one part, moisture-cure, aliphatic urethane coating exhibiting excellent flow, leveling and wear resistance. The cured S-200 film, though formulated for extended wear, remains highly flexible allowing for heavy point load applications.

Features and Benefits

- ◆ Low Odor
- ◆ Fast Cure
- ◆ Wear-Resistance
- ◆ High-Gloss
- ◆ Non-yellowing
- ◆ Excellent Thick Film Cure

Chemical & Physical Properties

Base:	Aliphatic Urethane
Color:	Clear
Solids:	<20%
Density:	<8.0lbs/gal
Flammability:	Nonflammable
VOC:	0g/l, calculated
Application:	See Instructions
Shelf Life:	6 months @ 72F*

*From date of manufacture and stored in original, sealed container

Application

S-200 should be applied by a weight T-bar method. Viscosity is adjusted to near <200cps to obtain ideal film thickness of 0.1 - 0.5mil. In order to obtain satisfactory cure, allow approximately 4hrs prior to placing furniture or exposing to heavy traffic. Cure rate can vary with the film thickness applied and atmospheric humidity. For higher gloss levels multiple coats are recommended. Allow at least 2hrs between coats to provide maximum inter-coat adhesion. Gear pumps are not recommended.

Expected Coverage Data

Film Thickness:	1mil, (10⁻⁶inch)
Volume:	1gal
Coverage	1604sf

Typical Uses

S-200 is recommended a maintenance coating for factory installed finishes on wood, plastic or metal to achieve high gloss clear protective coatings. If a factory finish has been marred due to heavy or abrasive traffic S-200 will fill abraded areas and level film properties to regain original gloss. S-200 can also be used to enhance gloss levels on new flooring and perform to sufficiently extend coating properties.

Clean Up & Storage

Remove wet coating from floor covering and tools with mineral spirits. The container should be kept closed between spreading cycles and after use. The product should be stored in the original container in a cool, dry place.

Packaging

S-200 is available in 4.25gal high density poly pails. For the name of a distributor near you, contact Customer Service at 714-429-9804.

Formulators

1790 S. Boyd St. Santa Ana, CA 92705
714-429-9804p 714-429-9805f

www.formulatorsonline.com

Maintenance Procedures for Poly-Cur S-200 Finish

Do

Wipe up spills as soon as possible. Remove dried spills with neutral pH cleaner on a white cloth.
Wash your floor occasionally with Armstrong Once 'n Done® Floor Cleaner or an equivalent no-rinse floor cleaner.
Use a neutral pH, non-abrasive, floor stripper and cleaner for heavy duty cleaning. High speed orbital polishers are not advised.
Use low speed equipment with white polish pad.

Don't

Use detergents, abrasive cleaners or "mop and shine" products - they may leave a dull film on your floor.
Use paste wax or solvent-based polishes.
Use a beater bar when vacuuming because it can visibly damage the floor surface.
Use highly abrasive scrubbing tools.

Proactive Protection for the Floor

When moving appliances or heavy furniture, lay a plywood panel on your floor and "walk" the item across it. This protects your floor from scuffing and tears.
Use floor protectors on furniture to reduce indentation. As a general rule of thumb, the heavier the item, the wider the floor protector needed.
Be careful with rolling casters. They can damage some flooring materials. If you choose to use them, the double wheel type are the best option.

Place a walk-off mat at outside entrances to reduce the amount of dirt brought into your home. Do not use rubber- or latex-backed mats because the chemical (antioxidant) used to keep the backing from becoming brittle can permanently stain your floor. Use a non-staining vinyl-backed mat or a woven rug that is colorfast. Most of these products are identified "colorfast" by the manufacturer.

Immediately After Installation

Maintain room temperature at 65 degrees Fahrenheit for 48 hours after installation is completed. This assures proper curing, setting and bonding of products.
The adhesive under your floor needs time to thoroughly dry after installation. Therefore we recommend that you do not scrub or wash your floor for five days.

Stain Removal Procedures for Poly-Cur Factory Finish

Crayon

Rub the stain with mineral spirits* on a clean white cloth. Scrub the area with neutral pH, non-abrasive floor cleaner with a soft cloth.

Lipstick

Rub the stain with rubbing alcohol (isopropyl alcohol)* on a clean white cloth. If stain is still visible, rub the stain with mineral spirits* or turpentine* on a clean white cloth. Scrub the area with neutral pH, non-abrasive floor cleaner with a soft cloth.

Grape Juice/Wine

Scrub the area with neutral pH, non-abrasive floor cleaner with a soft cloth.

Mercurochrome/Merthiolate

Scrub the area with neutral pH, non-abrasive floor cleaner with a soft cloth.

Mustard

Scrub the area with neutral pH, non-abrasive floor cleaner with a soft cloth.

Pen Ink

Rub the stain with rubbing alcohol (isopropyl alcohol)* on a clean white cloth. If stain is still visible, rub the stain with mineral spirits* or turpentine* on a clean white cloth. Scrub the area with neutral pH, non-abrasive floor cleaner with a soft cloth.

Permanent Marker

Rub the stain with rubbing alcohol (isopropyl alcohol)* on a clean white cloth. If stain is still visible, rub the stain with mineral spirits* or turpentine* on a clean white cloth. Scrub the area with neutral pH, non-abrasive floor cleaner with a soft cloth.

Asphalt Driveway Sealer/Shoe Polish

Rub the stain with mineral spirits* or turpentine* on a clean white cloth. If stain still shows, rub the area with rubbing alcohol (isopropyl alcohol)* on a clean white cloth. Scrub the area with neutral pH, non-abrasive floor cleaner with a soft cloth.

Hair Dye

Rub the stain with rubbing alcohol (isopropyl alcohol)* on a clean white cloth. If stain is still visible, rub the stain with mineral spirits* or turpentine* on a clean white cloth. Scrub the area with neutral pH, non-abrasive floor cleaner with a soft cloth.

Paint/Varnish

If paint stain is wet, wipe up the stain with water on a clean white cloth. If paint stain is dry, carefully scrape residue with a thin spatula. Rub the stain with mineral spirits* or turpentine* on a clean white cloth. If stain still shows, rub the area with rubbing alcohol (isopropyl alcohol)* on a clean white cloth. Scrub the area with neutral pH, non-abrasive floor cleaner with a soft cloth.

Nail Polish

Very carefully wipe with fingernail polish remover containing acetone (follow use instructions on label) on a clean white cloth.

Rust

Apply neutral pH, non-abrasive floor cleaner with a soft cloth to the stain and let it stand for five minutes. Scrub vigorously with a stiff-bristle brush or non-abrasive white scrubbing pad, wipe, rinse, and let dry. If traces remain, rub with a soft cloth dipped in a solution of oxalic acid and water (1 part acid to 10 parts water).
NOTE: Please follow instructions and cautions on label, as oxalic acid is poisonous.

Cigarette Burns

The procedure depends on the exact construction of your floor. Consult your retailer.

Black Heel Marks

Scrub the area with neutral pH, non-abrasive floor cleaner with a soft cloth. If stain still shows, rub the area with rubbing alcohol (isopropyl alcohol)* on a clean white cloth.

*May be combustible/flammable; please follow label instructions.