



TDS

MSD SLOW CURE POLY

MSD SLOW CURE POLY is a two-component high solid polyaspartic clear topcoat that is highly chemical resistant, UV stable, and abrasion resistant. It is intended as a high-gloss top coat to be applied over various decorative broadcasts. MSD SLOW CURE POLY is designed with a user-friendly 1:1 mixing ratio and has a longer working time than most polyaspartic coatings.

RECOMMENDED USES

- Garage floors
- Kitchens
- Countertops
- Restrooms
- Warehouses
- Laboratories
- Cafeterias
- Retail locations

APPLICATION

Preparation:

Before application, ensure all dirt, foreign contaminants, oil, and laitance are removed to assure a trouble-free bond to the substrate.

Mixing:

The mixing ratio for **MSD SLOW CURE POLY** is 1:1. Simply mix equal parts of A and B by volume. Once mixed, combine thoroughly using a slow-speed mixer. Once both parts are thoroughly combined, transfer the mixed product to another bucket and remix. The product is now ready for application.

Priming:

Priming is recommended prior to applying the product. In addition, it is advised to apply a small test to ensure the product will properly bond.

Application:

Apply mixed product using a roller, squeegee, or brush. Be mindful of temperatures and humidity during application and curing. Use an air release roller tool if needed. Improper mixing may result in product failure. Mix only an amount that can be applied in the time allotted.



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Cleaning:

Use xylem.

Floor Cleaning:

It is recommended to test smaller areas of your finished flooring when choosing your cleaner. Some aggressive cleaning products may discolor the product.

Restrictions:

Avoid heavy traffic and harsh chemicals until the coating has fully cured. In addition, avoid moisture during the curing process. Finished flooring may be slippery when wet; use caution.

SPECIFICATIONS

Solids by Weight: 84% (+/- 3%)

Solids by Volume: 83% (+/-3%)

VOC: Less than 95 g/l

Odor: Mild solvent odor

Thickness: 5-12 mils wet

Coverage per Gallon: 133-320 sf

Mixing Ratio: 1:1 by volume

Shelf Life: 6 months if unopened

Finish: Gloss (>80 at 60 degrees)

Cure Schedule: (70°F) (70% relative humidity)

Pot life (to gel) – (150 gram mass) > 2 hour

Tack free (dry to touch) 4-8 hours

Re-coat or Top-coat 6-9 hours

Light foot traffic 24 hours

Full cure (heavy traffic) 2 -7 days

Application Temperature:

50-90 degrees F with relative humidity below 85%

Viscosity: Mixed = <500 centipoise

DOT Classifications:

Part A: "Not Regulated"

Part B: "UN1993, FLAMMABLE LIQUID N.O.S., (CONTAINS XYLENE, ETHYLBENZENE), 3, PGIII"

Product Storage: Store product at normal room temperature before using. Continuous storage should be between 60 and 90 degrees F.