



Product Description

PP 3101-85A-UV-8M-SILVER is a high performance 100% solids urethane coating modified for the bed liner industry, with improved resistance to moisture during application. PP 3101 product is designed to be an elastomeric protective coating for all substrates and provides excellent chemical and abrasion resistance. PP 3101 product contains no VOC's.

Applications

PP 3101-85A-UV-8M-SILVER designed for hand patching or repair of small areas of coating surfaces.

Typical Uses

- Abrasion Resistance Over Wood, Metal and Concrete
- Secondary Containment Coating (Provides a Chemical Resistant Membrane Over Concrete and Steel in Approved Tank Farms)
- Gasoline and Chemical Resistance for Styrofoam Flotation
- Truck Bedliner
- Water and Chemical Detergent Resistance for Concrete Block and Poured Walls.
- Waterproofing Wood and Foamed Plastics

Color

Silver

Storage and Handling

Containers for both A and B components should be kept tightly closed to prevent moisture contamination. Do not reseal if contamination is suspected. Use of a dry nitrogen blanket for partial drums is recommended. Side-B may be stored at ambient temperatures. Storage for Side-A should be maintained between 77°F (25°C) and 95°F (35°C). For best results, this product should not be allowed to freeze, although it may be re-heated in a well ventilated oven for a period of time to re-liquefy solid particles. To avoid product degradation, product temperature during re-heating should not exceed 140°F (60°C). An additional note of caution is that exposure to temperatures over 400°F (204°C) can create excessive pressure potentially causing containers to rupture. Do not breathe aerosol or vapors and avoid contact with skin and eyes. Exposure to vapors of heated MDI can be dangerous. To heat product properly, use well ventilated convection ovens or other methods that distribute heat evenly. Avoid using drum heaters or other heat sources that may cause excessive local heating.

Typical Properties Side-A (ISO)

Viscosity @ 77°F (25°C)	400-800 MPa
Specific Gravity @ 77°F (25°C)	1.18
Lbs/gal @ 77°F (25°C)	9.63
Appearance @ 77°F (25°C)	liquid

Typical Properties Side-B (POLYOL BLEND)

Viscosity @ 77°F (25°C)	800-1000 MPa
Specific Gravity @ 77°F (25°C)	1.02
Lbs/gal @ 77°F (25°C)	8.5
Appearance @ 77°F (25°C)	liquid

Typical Physical Properties

Hardness, Shore A	84 -87
Elongation @ 77°F (25°C)	330-380%
Tensile Strength @ 77°F (25°C)	1800-2200 psi
Theoretical Coverage @ 16 mils	100ft ² /gal
Practical coverage @ 50 mils	100ft ² /3gal
Taber Abrasion c17, 1000g	15mg/1000 cycles

Processing Characteristics @74°F (23°C)

Solids, by Weight and Volume	100%
Ratio, by Weight A/B	53/47
Ratio, by Volume A/B	1/1
Gel Time @ 74°F (23°C)	6-8 min

Health and Safety

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling any of the products listed above. Before working with these products, it is your responsibility to read and become familiar with the available information on its hazards, proper use and handling. This is extremely important and cannot be overemphasized. Information is available in several forms, e.g. material safety data sheets and product labels. To obtain this information, contact your Polycoat Products representative.



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