



EXTERIOR VEHICLE PROTECTOR™

EVP-201

PRODUCT DESCRIPTION

The EVP-201 is designed to greatly reduce maintenance and cleaning costs of your fleet. EVP-201 modified siloxane diol with extended methyl groups that chemically do not allow environmental contaminants, graffiti, tar, asphalt, cement, concrete or chemicals to adhere or penetrate. Further, this coating incorporates a nano-particulate that builds high-end abrasion and impact resistance. EVP-201 exhibits unsurpassed performance and physical properties and will prevent corrosion, moisture intrusion and UV attack. The EVP-201 coating cures to a hard and non-stick surface, making it impervious to harsh environments. This self-cleaning coating will eliminate the need for detergents, acids and solvent based products commonly used to clean industrial vehicles and equipment. EVP-201 is a clear coat that encapsulates underlying coatings and prevents UV fading and damage. EVP-201 is single component coating that exhibits outstanding performance properties, compared to higher build, multi-coat premium and costly systems.

CHARACTERISTICS

A high performance, inert topcoat system designed to overcoat virtually any industrial surface. EVP-201 is ideal for redi-mix concrete trucks and haulers, commercial fleets, industrial equipment, heavy construction equipment, metals and is used in architectural applications. It provides a high quality finish, and offers exceptional all around performance with an expected life span exceeding 20 years.

- Outstanding Hydrophobic and Oleophobic surface properties
- Impervious to moisture, oxygen permeation (Osmotic barrier) and UV radiation
- Outstanding impact and abrasion resistance
- Low surface energy which resists soiling and marking
- Highly resistant to attack by hydrocarbons and chemical products

APPLICATION

For optimum appearance properties, EVP-201 should be spray applied in two coats thin coats to a maximum of 40 microns DFT. Always allow the first coat to flash off to a tacked state prior to a following coat. Apply the second coat 15-25 minutes after the first wet on wet. EVP-201 must be spray applied unreduced to the recommended DFT to vertical surfaces only. EVP coatings must not be applied to surfaces at ambient temperatures above 35C/95F. For optimum application properties, the temperature of the material should be between 10C and 25C / 50F and 80F prior to mixing and application. Apply the coating only when the surface temperature is more than 50F or 30C above the dew point temperature of the surrounding air and relative humidity is below 85%, in order to prevent moisture condensation on the surface.

SURFACE PREPARATION

Suitable substrates for EVP-201 include ferrous metal, galvanized metal, aluminum, fiberglass, carbon fiber, concrete, masonry, stone & wood. Good surface preparation and cleaning of all substrates to be coated is essential for optimum performance of the coating system. All surfaces to be coated should be clean, dry and free from contaminants. For old or previously finished surfaces, the degree of preparation and cleaning required is dependent upon the condition of the substrate.

COVERAGE

Solids content (+/- 2%) 30% by volume
Number of Coats 1-2 coats at 40 microns / 2 mils DFT
Coverage (theoretical) 700-1000 sq. ft. per gal.

CURING

Dry time @ 21C / 70F ambient air cure. Tack free: 1-3 Hours.
Hard Cure: 24 hours.
Full Cure: 3-5 days.
Elevated Curing: 400C - 600C / 1050F - 1400F for 40 minutes

POT LIFE

Once seal on container is broken use product and seal right away. EVP-201 is moisture sensitive but can have a prolonged pot life if sealed during and after use. Only pour out product to be used, seal and store unused product. Product stored must be checked and tested for future use. 6-8 Hours @ 21C / 70F. 1 1/2 Hours @ 32C/90F However, these times may vary with environmental or climatic conditions. This material is moisture sensitive. The product should be kept covered at all times during application to prevent contamination and prevent moisture absorption.

STORAGE & HANDLING

VOC content: 0 grams per liter
Flash Point (Seta Flash): 34C / 93F. Storage - EVP coatings must be stored and handled in compliance with all current local regulations applying to flammable or highly flammable liquids. Store in cool, dry, protected storage, well ventilated, between 40F-95F and out of direct sunlight, moisture or rain. Maintain unmixed material in sealed containers at all times.
Shelf Life - EVP-201 has a minimum shelf life of 12 months from the date of manufacture if stored as indicated above, unopened in sealed containers. Ensure that product is clear and consistent in appearance and thickness after stirring,
Packaging: 5-gal, 55-gal

DISCLAIMER:

The information provided is to be used as a guide and users should perform their own tests to ensure performance in their application. All data, statements, and recommendations made herein are based upon information we believe to be reliable, but are made without any representation, guarantee or warranty of accuracy. All statements, technical information and recommendations contained herein are based on tests SEI Chemical believes to be reliable, but the accuracy or completeness thereof is not guaranteed. SEI Chemical warrants SEI products will be free from defects when shipped to customer. SEI Chemical's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify SEI Chemical of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer. SEI Chemical shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of SEI Chemical. The foregoing warranty is exclusive and in lieu of all other warranties, express, implied or statutory, including without limitation any implied warranty of merchantability or of fitness for a particular purpose in no case shall SEI Chemical be liable for incidental or consequential damages. Limited warranty, for industrial use only. Keep out of reach of children, keep containers tightly closed, not for internal consumption, consult material. Consult Material Safety Data Sheet for more information.