



**Concrete
Coatings &
Floor systems**

TECHNICAL BULLETIN
**Kemiko® High Solids
Polyaspartic Matted Clear
(SS3900M)**

Description

Kemiko® High Solids Polyaspartic Matted Clear (SS3900M) is a two component, high solids polyaspartic coating. This product is mild in odor and exhibits excellent adhesion, abrasion resistance, chemical resistance and hot tire resistance. Kemiko® SS3900M also has a UV resistant formula that extends the life of the epoxy coatings underneath. This product has rapid setting properties that allow for fast return to service time. Kemiko® SS3900M utilizes the best available high solids polyaspartic technology for resistance against atmospheric and chemical exposures.

Applications

Kemiko® SS3900M can be used as a topcoat over properly prepared decorative and industrial epoxy surfaces. Some applications include: warehouse floors, showroom floors, airport maintenance facilities, parking structures, garages, chemical containment areas, residential flooring and many other service areas that require a quick-curing, resilient, chemical resistant protective coating.

Physical Characteristics

Kit Size	2.0 Gal kits available
Colors Available	Clear Gloss
Volume Solids	84% (theoretical)
VOC Contents	<50 g/L (theoretical) Compliant to SCAQMD Rule 1113
Mixed Specific Gravity	1.08 (theoretical)
Adhesion	>350 PSI, Concrete failure when applied over SS3700 & SS1202 (ASTM D4541)
Gloss	Low Gloss, <60 Gloss Units at 60° (ASTM D523)
Hardness	3H (ASTM D3363)
Abrasion Resistance	30.0 mg loss, CS-17 wheel, 1000g, 1000 cycles (ASTM D4060)

Application Characteristics

Mix Ratio By Volume	1:1 (A:B) Approximate
Pot Life	30 minutes (2.0 gallon kit)
Film Thickness	5-10 mils (0.13-0.25mm) wet film thickness (WFT)
Coverage Per Kit	2.0 Gal: 325ft ² -525ft ² (30.2m ² -48.8m ²) @ 5-10 mils (0.13-0.25mm) WFT Note: Coverage rates will vary depending on surface texture and porosity
Dry/Recoat Time	Dry to Touch: 2-3 hours Light Foot Traffic: 6-8 hours Heavy Traffic: 36-48 hours Full Chemical & Physical Resistance Cure: 5-7 days Recoat Window: Within 24 hours after product reaches Dry to Touch Time
Primers	Kemiko® SS1600, SS3400, SS3700, and Quick Grip 1K Primer
Intermediate Coats	Kemiko® SS1202, SS1500, and SS3500
Thinning	Do not thin product
Clean Up	Clean tools with Acetone, Denatured Alcohol, or MEK
Shelf Life	12 Months from manufacturing date

Note: Testing was performed at 77°F (25°C) and 50% RH. Product characteristics will vary depending on temperature, humidity and other conditions relative to the environment.



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Packaging Description

Weight per Kit:

19.02 lbs (8.63 kg)

Kemiko® SS3900M Part A Hardener SA3900M contains:

9.56 lbs (4.34 kg) / 1.00Gal (3.79 L) of product in a 1 Gallon (3.79L) container

Kemiko® SS3900M Part B Resin SB3900M contains:

9.46 lbs (4.29 kg) / 1.0Gal (3.79 L) of product in a 1 Gallon (3.79 L) container

Environmental Conditions

For best results, apply when surface temperature is between 50°F- 85°F (10°C-29°C) and 5°F (3°C) above dew point. Avoid using in direct sunlight. Do not apply on rainy or foggy days.

Clean Up

Use Acetone, Denatured Alcohol, or MEK to clean tools.

Storage Conditions

Store between 50°F-100°F (10°C-37.8°C). Keep in a cool, well-ventilated area, away from direct sunlight and heat. Store in a segregated and safe area, avoiding all possible sources of ignition.

Safety

Care should be taken when using this product. **Contents are flammable. Ensure no sources of ignition are in proximity to the product prior to application. Turn off any pilot lights, water heaters, or any other auto-ignition sources in the area. Do not smoke around the product while applying or while it is drying.** During application, use protective eye wear, proper respirator and protective gloves. Ensure work spaces are well ventilated. Read product label and SDS carefully for more detailed safety information prior to handling or use.

Disclaimer

Information provided in this technical bulletin is based on laboratory testing under controlled ambient conditions and is used as a guideline only.

Warranty

The following warranty is made in lieu of all other warranties, either expressed or implied. This product is manufactured of selected raw materials by skilled technicians. Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of this product and no warranty is made as to the results of any use. The only obligation of either seller or manufacturer shall be to replace any quantity of this product that is proved to be defective. Any claim of defective product must be received in writing within one (1) year from date of shipment. Neither seller nor manufacturer assumes any liability for injury, loss or damage resulting from use of this product.

Contact us for any additional application information.



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