



39824 PRO-TEX™ CHIP GUARD

TECHNICAL DATA SHEET

Description

39824 PRO-TEX CHIP GUARD is a urethane coating designed to protect the lower panels that are prone to chipping and corrosion. This formulation provides excellent film build, adhesion, chemical resistance and can be tinted to match existing finishes.

Features

- 2K urethane technology
- No special equipment needed
- Excellent gloss retention
- Quick topcoat time
- Tintable with most paint systems
- Able to match OEM colors

Typical Properties

Container	Quart
Viscosity	8,000 cps.
Density	10.22-10.29 #/gl (1226.4-1234.8 g/l)
Flash point	-4°F (-20°C)
RTS weight solids	77%
RTS volume solids	69%
RTS VOC	1.01 #/gl (121.2 g/l)
Pot life @ 70°F (21°C) and 50% R.H.	20 minutes
Coverage	29 ft ² per qt. @ 8-10 mils DFT

Please refer to www.semproducts.com for physical properties and VOC information. Use VOC calculator to determine VOC of mixtures.

Handling and Application

PREPARATION:



Clean surface first with **3833() SCUFF & CLEAN** and a scuff pad. Next, clean thoroughly with **38373 SEM SOLVE** and sand with 180-220 grit sandpaper. If rust is present, grind or sandblast until all rust is removed. Blow off and clean again with **38373**. Mask off areas not to be coated to protect from overspray. Coat any bare metal areas with a 2K epoxy or urethane primer following the manufacturer's instructions.

MIXING:



Tinting: Mix **8** parts of **39824** with **1** part of unreduced colorant and hand stir thoroughly. (Use only automotive type paint without any binders or reducers – color only. Do not use water based or lacquer based colorants).



Catalyzing: Catalyze tinted resin with **4067() CATALYST**. Mix **3** parts of tinted resin to **1** part of **4067() CATALYST**. Hand stir thoroughly for 1-2 minutes. **NOTE:** Do not catalyze more than 1 quart at a time. Pot life is 20 minutes at 70°F (21°C). High heat and humidity may significantly reduce pot life.

NOTE: 40688 PRO-TEX EXTENDER is available to extend the pot life. This will help applicators achieve increased working times when working in high heat or humidity. Add 1 oz. of **40688** per sprayable quart of **PRO-TEX**. At 85°F (29°C) and 50% relative humidity, this addition will result in a pot life of approximately 45 minutes.

APPLICATION:



Pour contents into desired spray equipment.

OEM Textures: Spray gun equipped with 2.2 mm tip

Heavy Textures: Schutz gun.

Air Pressure 45-90 psi.

Coats 2

Flash Time between Coats 10-20 minutes

Topcoat Time 30 minutes

Dust Free Time 60-90 minutes

Remove all masking tape while the final coating is still wet. Allow to dry 8 hours prior to delivery.

NOTE: Spray a test panel to verify desired color before use. Adjust color as necessary.

CLEANUP:



Use appropriate cleaning materials compliant with VOC regulations in your area. Be sure to clean the applicator gun between coats.

STORAGE:



39824 should be stored between 40-80°F (4-27°C). **4067()** should be stored at temperatures between 70-80°F (21-27°C). The shelf life for **39824** is 5 years when stored under normal conditions while the shelf life for **4067()** is 3 years.

TECHNICAL CONSULTATION SERVICE

Our Technical Staff is ready to assist you with any questions. You are invited to take advantage of our extensive experience, laboratory services and trained field service representatives. Call (800) 831-1122 for answers to your questions. Hours of operation are Monday through Thursday 8:00 am until 5:00 pm EST and on Friday 8:00 am until 4:30 pm EST.

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Users should review the Material Safety Data Sheet (MSDS) and product label for the material to determine possible health hazards, appropriate engineering controls and precautions to be observed in using the material. Copies of the MSDS and product label are available upon request.

SEM Products, Inc.
1685 Overview Dr. Rock Hill SC 29730
Tel: 800/ 831-1122
www.semproducts.com