



21032 SOLARAY™ UV BUMPER REPAIR MATERIAL

TECHNICAL DATA SHEET

Description

21032 SOLARAY UV BUMPER REPAIR MATERIAL is a UV cured non-sag compound formulated to quickly fill imperfections on automotive plastic bumpers, door panels and other automotive plastic parts. **21032** dries hard and sands easily in as little as two minutes, allowing very quick spot repairs. Recommended plastic substrates include TPO, ABS, PPO and SMC.

Features

- UV cure technology
- Ultra fast cure time
- Excellent adhesion
- Minimal surface preparation
- One application filling
- Non-shrinking
- Unlimited working time

Typical Properties

Working time @ 77°F (25°C):
Set time @ 77°F (25°C):
Color:

Unlimited in non-UV environment
2-4 minutes with **21109 UV CURING LAMP**
Light transparent yellow

Packaging

Container: 3 oz. tube

Handling and Application

PREPARATION:



1. Clean with **3835() PLASTIC/LEATHER PREP**.
2. Remove sharp edges with 80 grit sandpaper. Feather repair with 180 grit paper. Re-clean with **3835() PLASTIC LEATHER PREP**.

NOTE: Keep the repair area as small as possible.

MIXING:



No mixing necessary – **21032 SOLARAY UV BUMPER REPAIR MATERIAL** is ready to apply direct from the tube.

APPLICATION:



Important note: Curing will begin immediately upon exposure to UV light source. Do not apply outdoors or near open garage door.

Apply **21032** and tool with a plastic spreader. Fill scratch as necessary, taking care not to apply too heavily and create extra sanding. Working time is unlimited until exposure to UV light source. Wipe off excess material.



Cure product with UV light. **NOTE:** The time of cure will vary with light source. Approximate times are 2-4 minutes with **21109** and 1-2 minutes with 400 watt UV lights. Areas where **21032** is thin around the repair may have a

slight tacky feel. This will sand off immediately. Areas where the material was applied heavier should be fully firm, or may need additional curing time.

Sand repair material with 180 grit and finish with 320-400 grit. If reapplication is required, sanding cured **21032** is not necessary. Prime with **21023 SOLARAY UV PRIMER-SEALER**.

CLEANUP:



It is important to clean up excess repair material from the work area and application equipment as it will not cure without UV exposure. Use appropriate cleaning materials compliant with VOC regulations in your area. Keep containers tightly closed after use.

STORAGE:



21032 SOLARAY UV BUMPER REPAIR MATERIAL should be stored in a cool dry place with adequate ventilation away from heat, sparks and flames. The shelf life for **21032** is 2 years when stored at 40-77°F (4-25°C).

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.

DISCLAIMER: The information supplied in this document is for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed. All users of the materials are responsible for assuring that it is suitable for their needs, environment and use. All data subject to change as SEM deems appropriate.

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.

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