



MULTI-PLASTIC REPAIR MATERIAL

TECHNICAL DATA SHEET



Check local VOC regulations to ensure compliance of all products in your area.

DESCRIPTION

Multi-Plastic Repair Material is a two component epoxy for fast repairs on virtually all plastic bumper covers.

FEATURES

- Dual-Mix™ Forever Warranty
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- No adhesion promoter necessary
- Exceptional sanding and featheredge
- Remains flexible
- Does not shrink or pinhole
- Excellent leveling and sag resistance

SUITABLE SUBSTRATES

- PUR
- TPUR
- RIM
- ABS
- PP
- PPO
- TPO
- TPE
- TEO

TYPICAL PROPERTIES

Part:	Product Name:	Color:	Container:
39847	Multi-Plastic Repair Material	Gray	7 oz. Cartridge
Working time:		7 minutes @ 70°F (21°C)	
Sand time:		15 minutes @ 70°F (21°C)	
Top Coat time:		20 minutes @ 70°F (21°C)	
Cure time:		1 hour @ 70°F (21°C)	

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HANDLING AND APPLICATION

PREPARATION:

1. Clean with **Scuff & Clean** and a gray scuff pad. Rinse with water and dry.
2. Clean with **Plastic & Leather Prep**.
3. Sand with 80 grit paper 2-3 inches around the damaged area.
4. “V” groove damaged area with a 24 or 36 grit disc. Grind slowly. Excess heat may seal the pores of the plastic making adhesion difficult.

MIXING:

Place cartridge into **Universal Manual Applicator** or **Universal Pneumatic Applicator**. Remove cartridge tip. Prior to installing static mixer, equalize cartridge by dispensing product until both parts flow equally. Install static mixer and cut tip to desired bead size. Dispense 2-3 inches of test material to make certain color is uniform prior to applying to job.

USE STATIC MIXERS:

Part:	Product Name:	Size:
70011	Integral Nut Square Static Mixers	6 Pack
70012	Integral Nut Square Static Mixers	50 Pack

APPLICATION:

1. Reinforce large holes and damaged areas from the back side with **Plastic Repair Reinforcing Tape** or **Plastic Repair Contouring Tape**. In such cases, clean the back side of the area with **Scuff & Clean** and **Plastic & Leather Prep**. Grind with a 24 or 36 grit disc at low RPM. Place **Plastic Repair Reinforcing Tape** or **Plastic Repair Contouring Tape** over the repair. Apply **Multi-Plastic Repair Material** and spread firmly.
2. Apply **Multi-Plastic Repair Material** to the repair area. Press firmly to eliminate air pockets. Apply higher than surrounding area to allow for sanding.
3. After **Multi-Plastic Repair Material** has cured for 15 minutes, sand first with 80 grit, then finish with 180 grit paper.
4. For slight imperfections, reapply a skim coat of **Multi-Plastic Repair Material** or use **Bumper Bite Flexible Glaze**.
5. To fill sand scratches and prepare surface for painting, apply **Flexible Primer Surfacer**, **High Build Primer Surfacer** or **World Class™ Waterborne Flexible Primer**.

STORAGE:

Multi-Plastic Repair Material should be stored in a cool dry place with adequate ventilation away from heat, sparks and flames. The shelf life for **Multi-Plastic Repair Material** is 2 years when stored under normal conditions.



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RELATED PRODUCTS:

Part:	Product Name:	Size:
38331	Scuff & Clean	Gallon
38338	Scuff & Clean	Pint
38351	Plastic & Leather Prep	Gallon
38353	Plastic & Leather Prep	Aerosol
38354	Plastic & Leather Prep	Quart
71119	Universal Manual Applicator	Each
70039	Universal Pneumatic Applicator	Each
70011	Integral Nut Static Mixers	6 Pack
70012	Integral Nut Static Mixers	50 Pack
70006	Plastic Repair Reinforcing Tape	36" Roll
70007	Plastic Repair Contouring Tape	15" Roll
40482	Bumper Bite Flexible Glaze	Tube
39131	Flexible Primer Surfacer	Gallon
39133	Flexible Primer Surfacer	Aerosol
39134	Flexible Primer Surfacer	Quart
42003	High Build Primer Surfacer	Aerosol
42013	High Build Primer Surfacer	Aerosol
42023	High Build Primer Surfacer	Aerosol
42033	High Build Primer Surfacer	Aerosol
42043	High Build Primer Surfacer	Aerosol
50184	Waterborne Flexible Primer	Quart

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.