



MINI-MAX™ BUMPER REPAIR

TECHNICAL DATA SHEET



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

DESCRIPTION

Mini-Max™ Bumper Repair is a two component epoxy based filler for repairing small damage to bumpers and rigid or semi-rigid plastics.

FEATURES

- No adhesion promoter necessary
- Superior adhesion
- Excellent sanding and feather edge
- Does not shrink or pinhole
- Zero VOC

SUITABLE SUBSTRATES

- Olefin-based plastics
- Rigid and semi-rigid plastics

TYPICAL PROPERTIES

Part:	Product Name:	Color:	Container:
68422	Bumper Repair	Gray	1 oz. Mini-Max™ Cartridge
Working Time:			5 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)

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 damaged area.
4. "Dish" the damaged area with a 24 or 36 grit disc. Grind slowly. Excess heat may seal the pores of the plastic making adhesion difficult.



MIXING:

Remove cap between pistons. Cut off cartridge tips at perforation. Dispense material and mix until uniform.



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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 **Mini-Max™ Bumper Repair** and spread firmly.
2. Next, after the backside repair has set, apply **Mini-Max™ Bumper Repair** to the front repair area. Press firmly to eliminate air pockets. Apply higher than surrounding area to allow for sanding.
3. After **Mini-Max™ Bumper Repair** 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 **Mini-Max™ Bumper Repair** 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**.

Note: For larger repairs, **Problem Plastic Repair Material** in the 7 oz. **Dual-Mix™** cartridge is also available.



STORAGE:

Mini-Max™ Bumper Repair should be stored in a cool dry place with adequate ventilation away from heat, sparks and flames. The shelf life for **Mini-Max™ Bumper Repair** is 1 year when stored under normal conditions.

RELATED PRODUCTS:

Part:	Product Name:	Size:
38391	Scuff & Clean	Gallon
38398	Scuff & Clean	16 oz. Tube
38351	Plastic & Leather Prep	Gallon
38353	Plastic & Leather Prep	Aerosol
38354	Plastic & Leather Prep	Quart
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



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50184	Waterborne Flexible Primer	Quart
39767	Problem Plastic Repair Material	7 oz. Cartridge

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.