

FUZION™

LIGHTWEIGHT FILLER

A Body Filler with Science on Its Side



FUZION™ Lightweight Filler is formulated with patent-pending N-TEK for maximum adhesion to galvanized, steel, aluminum and all metals. Formulated to deliver an easy-to-spread and easy-to-sand finish, FUZION is clog-free and ideal for use on all metal surfaces.

FEATURES:

- Maximum adhesion to all galvanized and zinc-treated metal
- Smooth, creamy filler; easy-to-spread
- Easy-to-sand
- Tack-free; clog-free
- Use on a variety of substrates

Advanced Formulation with Patent Pending N-TEK for MAXIMUM ADHESION to Galvanized, Steel, Aluminum and All Metals

Try FUZION™ in your shop today.



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TECHNICAL DATA SHEET: FUZION™

DESCRIPTION: FUZION™ Lightweight Filler is formulated with patent pending N-TEK, for maximum adhesion to galvanized steel, aluminum and all metals. FUZION Lightweight Filler, with patent pending N-TEK is formulated and manufactured to deliver an easy-to-spread and easy-to-sand filler for use on all metal surfaces.

PART NUMBERS:

• 16000 FUZION Gallon	4 gallons/case	(35 lbs)
• 16001 FUZION 3 Gallon Mechanical	1/case	(25 lbs)
• 16002 FUZION 3 Gallon Air	2/case	(50 lbs)
• 16003 FUZION 5 Gallon Air	1/case	(45 lbs)

APPROVED SUBSTRATES:

- Steel
- Aluminum
- Galvanized and other zinc-coated steel
- Fiberglass
- SMC - can be used for cosmetic repairs. For structural repairs prone to high degrees of stress and flexibility, use a SMC repair product.

FEATURES / BENEFITS:

Feature	Benefit
Smooth, creamy filler; easy to spread	Reduces spreading time
Easy to sand	Faster to sand and saves repair time and labor
Maximum adhesion to all galvanized and zinc-treated metal	Increased versatility & product productivity
Tack-free; clog-free	Will not clog up sandpaper and files
Mixed color - light blue	Dries to an easy-to-cover light blue



SURFACE PREPARATION:

1. Clean and degrease the entire panel to be repaired with soap and water, followed by a mild cleaning solvent such as 1240-1 Final Prep.
2. Thoroughly dry surface before repairing.
3. Grind repair area with 40 - 80 grit and featheredge to paint for good mechanical adhesion.



MIXING:

Stir body filler before using; stir in an up and down motion. **NOTE:** Do not stir in a circular motion. Knead the cream hardener. Place a 4" diameter puddle of filler on clean mixing surface; we recommend a non-absorbent plastic mixing board. Measure hardener 2% by weight (add a ribbon of cream hardener from edge to edge across the center of the filler puddle). Puddles larger than 4" in diameter will require additional hardener. Mix thoroughly using a folding motion with a plastic spreader until uniform color is achieved. At room temperature (70-80°F) approximate setting time is 3-5 minutes.

APPLICATION:

1. Using a plastic spreader, apply a thin layer of filler to surface, using firm pressure for maximum adhesion.
2. Apply additional layers, building up damaged area higher than surrounding metal surface to allow for sanding of filler.
3. **IMPORTANT! DO NOT RETURN UNUSED MIXTURE TO CAN AS IT WILL HARDEN THE REMAINING CONTENTS.**

FINISH:

1. When material has hardened, in approximately 15 minutes, sand with 40-80 grit sandpaper (use 40 grit as an initial cut only when necessary to knock down high spots).
2. Avoid coarse sand scratches outside the filler area during the initial cut.
3. Finish sand with 180-240 grit to remove 80 grit scratches.
4. For best results, apply 26118 PRO-GLAZE™ (availability to be announced), 26006 Icing® or 26116 Blaze Glaze™ finishing putties over the body filler. This will provide a smoother finish and reduce the number of coats of primer required for a quality finish.

SPECIAL NOTES:

When using power equipment, it is recommended that good safety practices be followed: safety glasses with side shields or full face shield, and a respiratory covering to protect from dust. Use MSA mask part number 459029 with MSA cartridge number 464029.



PHYSICAL PROPERTIES:

Color:	White
Mixed Color:	Light Blue
Viscosity @ 77°F (Brookfield Model HAT, Spindle T-D/Speed 10)	88,000 - 96,000 cps
WPG:	8.4lbs/gal (Average)
Catalyst Required:	Benzoyl Peroxide
Catalyzation Ratio	2% by weight
Gel Time @ 77°F:	4 minutes (Average)
Exotherm Temperature:	200°F (Average)
Exotherm Peak Time:	9.5 minutes (Average)
Shore "D" Hardness Values @	
10 minutes:	20-25
20 minutes:	30-35
30 minutes:	35-40
60 minutes:	40-45
24 hours:	50-55
Sanding Time @ 77°F:	15-20 minutes
VOC:	As packaged = 205 g/L
VOC:	Applied = 0.8 g/L
Corrosion Resistance:	Excellent
Contents & Caution:	See MSDS, available upon request



HEALTH & SAFETY:

Read all warnings, first aid and safety for all components before using. Keep out of reach of children and animals. Protect hands with impervious rubber gloves. Wear face, skin and eye protection. USC products are for industrial use by trained professionals only.