



Public

Rev:1

Effective: 04/06/2007

Status: Active

3M™ Flowable Finishing Putty

Data Sheet

3M Part No.(s) **3M Part Descriptor(s)**
05824 3M™ Flowable Finishing Putty

3M Fax on Demand Identification Number : 05824

Description

Two component flowable polyester material designed for the filling of pinholes, minor dents, gouges, scratches, and stone chips in properly prepared body filler, steel, aluminium, SMC, fiberglass and OEM paint.

Features, Advantages, Benefits

Features	Stain resistant Vacuum processed Flowable consistency Convenient squeeze tube
Advantages	Minimizes staining of BC/CC paint systems Reduces pinholes Smooth application on large areas Less waste, easy to handle
Benefits	Reduces re-works saves time Reduces re-works saves time Reduces sanding time Saves time and material

Typical Physical Properties

Container	Treated plastic tube	Plastic tube
Base	Polyester resin with styrene monomer	Benzoyl peroxide
Density lbs/Gallon (Appx.)	9.2 lbs./ gallon +/-0.25	10Lbs./Gallon
Color	Beige/Tan	Red
Flash Point - °F	89 deg. F	N/A
Viscosity (CPS) Brookfield Viscometer	20,000 - 28,000 CPS @ 2.5 rpm	N/A
Consistency	Viscous liquid	Viscous Paste
Service Temperature - °F	-20F to 180F	N/A

Product Uses

Filling of pinholes, minor dents, gouges, scratches, and stone chips in properly prepared body filler,

steel, aluminium, SMC, fiberglass and OEM paint.

Performance Properties	
Sand Time:	20 min. @77F
Shore D Hardness:	10 Min. 40+-4 20 Min. 56+-5 30 Min. 64+-5 60 Min. 68+-5 24 hour 70+-5
Lap Shear Steel to Steel:	ASTM D3163-84 1800 +- 100 PSI
Lap Shear Aluminium to Aluminium:	ASTM D3163 650 +- 100 PSI
Tensile Strength:	ASTM D638-82 1800 +- 100 PSI
Shrinkage:	Less Than 1.00%
Minimum hardener:	1.5%
Maximum hardener:	2.75%

Handling and Application Information

Directions for Use

1. Sand properly cleaned surfaces with grade 80 - 180 abrasive, (Putty will adhere to sand scratches as fine as 320) Blow off with clean compressed air to remove all sanding dust.
2. Mix applicable amount of putty with 2% hardener by weight (or one stripe across a 4" puddle of putty). Mix to a uniform color on a clean non-porous surface spreading thin and pressing air bubbles out as you mix.
3. Apply a "tight" coat pressing putty into defect areas and recoat if needed building slightly higher than the surrounding area.
4. Allow 15 minutes cure time and sand with 150-320 grit abrasive to desired shape. For best results the finish sanded material should not exceed 1/16 inch.

Applications

Filling of pinholes, minor dents, gouges, scratches, and stone chips in properly prepared body filler, steel, aluminium, SMC, fiberglass and OEM paint.

Storage and Handling

HANDLING

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Keep out of the reach of children. Keep container closed when not in use. Avoid breathing of dust created by cutting, sanding, grinding or machining. For industrial or professional use only. Avoid eye contact with dust or airborne particles.

STORAGE

Store in a dry area at 72 deg F for optimal shelf life.

Precautionary Information

Refer to Product Label and Material Safety Data Sheet for Health and Safety Information before using this product 05824

Country

US

This document is public. It may be distributed.

Warranty and Limited Remedy

This product will be free from defects in material and workmanship at the time of shipment. 3M MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's application. If this product is defective, your exclusive remedy and 3M's and seller's sole obligation shall be, at 3M's option, to replace the product or refund the purchase price.

LIMITATION OF LIABILITY: 3M and seller will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

For Additional Health and Safety Information

3M Automotive Aftermarket Division

3M Center, Building 223-6N-01

Saint Paul, MN 55144-1000

1-877-666-2277 (1-877-MMM-CARS)

Material Safety Data Sheets and Technical Data Sheets are also available by calling Fax on Demand 1-800-305-0419.
Help Line 1-800-621-5455 (US) 1-650-596-4407 (International).

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