



Automotive Aftermarket Division

3M™ 51079 General Purpose filler

1) Part Numbers

3M™ 51079 General Purpose Filler

2) Description and end uses

Two component polyester paste for use in filling holes and dents in most substrates including steel and GRP.

3M™ 51079 has been formulated for the professional user it combines good filling and spreading properties with ease of sanding.

3) Physical Properties

Colour	Resin is an off-white paste
VOC content	Hardener is a brown paste 100g/litre in ready to use form

4) Directions for Use

Mix 3M™ 51079 general purpose filler in the ratio 98% filler and 2% hardener. Mix thoroughly until a uniform colour and consistency is achieved with zero streaking. The exact mixing ratio is not critical but it can affect the cure time. Take care not to use too much hardener as this can cause excessive heat generation during cure (exotherm) which can result in bleed through and bleaching when over-painting.

3M™ 51079 general purpose filler can be used on the following surfaces: -

- Bare metal (e.g. Steel, Aluminium and Zinc coated substrates) degrease and abrade with P80 paper.
- Original paint surfaces (with the exception of thermoplastic acrylics) degrease and abrade with P180 grit paper.
- GRP - degrease and abrade with P80 grit paper.

3M™ 51079 is sand-able after 20 minutes at 20°C.



Technical Data Sheet

Effective: 29/05/2019 Supersedes: 02/01/2014

Features	Advantages	Benefits
Sandable after 20 minutes at 20°C	Curing does not require specialist equipment	Speed of filling job
Mixing board, filler knife, plastic or rubber spatula.	All of these items are readily available in a car body repair shop	Does not need specialist mixing equipment
This polyester filler can be over-painted with most paint systems including 2K coatings. Ideally a full system is recommended including primer.	Compatible with existing paint technologies	Suitable for use in all car body repair shops

5) Storage

In the unmixed state resin and hardener have an indeterminate shelf life.

Once mixed, shelf life is 5-6 minutes at 20°C with 2% hardener.

6) Safety

Read full instructions and material safety data sheet before use.

IMPORTANT: This product contains hazardous materials and therefore appropriate personal protective equipment should always be used. Please refer to the label and consult the material safety data sheet for full handling instructions and personal protection information. These are available via your stockist. The supplier disclaims any liability where the user does not wear the recommended personal protective equipment.

The EU limit for this product (product category: IIBb) in ready to use form is 250g/litre.

The VOC content of this product in ready to use form is 100g/litre

Do not breathe fumes and do not allow skin contact.

3M™ 51079 General Purpose Filler is designed FOR PROFESSIONAL INDUSTRIAL USE ONLY.



Technical Data Sheet

Effective: 29/05/2019 Supersedes: 02/01/2014

7) Disclaimer

All statements, technical information and recommendations are based on tests we believe to be reliable but the accuracy or completeness thereof is not guaranteed. Please ensure before using our product that it is suitable for your intended use. All questions of reliability relating to this product are governed by the Terms of Sale subject, where applicable, to the prevailing law.

For Additional Health and Safety Information

3M South Africa & Sub-Saharan Africa, 146A Kelvin Drive, Woodmead, Sandton, South Africa, Tel: (0861) 225536
3M (East) AG Representation Office Tirane, Rruga Sami Frasheri, Pallati i Ri Perxhola Kati 2 Ap2, 1000 Albania
3M Arabia, LLC, Building 24-25 3M Saudi Arabia Zone C, Business Gate, Airport Road, Riyadh, Saudi Arabia
3M Bulgaria, Mladost 4, Business Park, bl.4, 2nd floor, Sofia 1766, Bulgaria
3M Česko, spol. s r.o., V Parku 2343/24, 148 00 - Praha 4, Czech Republic
3M (East) AG, Branch office Croatia, Avenija Većeslava Holjevca 40, 10 000 Zagreb, Croatia, Tel: +385 1 2499750, www.3m.com.hr
3M Egypt, Finance Center , New Cairo , Plot 140 , Banking Sector , 5th settlement , Cairo , Egypt
3M Hellas MEPE, Automotive Aftermarket Division, 20 Kifisias Avenue, 151 25 Marousi, Greece, Phone: +30 210 68 85 300, innovation.gr@mmm.com, www.3M.gr
3M Hungária Kft, Neumann János u. 1/E, 1117 Budapest, Hungary
3M Israel, 91 Medinat Hayehudim St., Herzliya, Israel
3M Kenya Ltd, Victoria Towers, 3rd Floor, Kilimanjaro Av, Upperhill, Kenya
3M Gulf Limited, Ein El Mreisseh, Saint Charles City Center, 4th. Floor, P.O.Box: 11-5025, Riad el Solh, Beirut 1107 2180 Lebanon
3M Minnesota Mining & Manufacturing Nigeria Limited, No 2 Sheraton Opebi Link Road, Ikeja, Lagos Nigeria
3M Pakistan, Islamic Chamber of Commerce Building, ST-2/A, Block 9, KDA Scheme 5, Clifton, Karachi, Pakistan
3M Poland, Al. Katowicka 117, Kajetany, 05-830 Nadarzyn, Poland, Telefon: +48 22 739 60 00, www.3m.pl/kontakt
3M Gulf (Representation Office), Suhaim Bin Hamad St., Al Mana Towers Tower B, 2nd Floor, Office No.4, Doha Qatar, P.O.Box 14685
3M Romania, 12 Menuetului St., Bucharest Business Park, Building D, District 1 013713 Bucharest, Romania
3M (East) AG, Representation Office Serbia, Airport City, Omladinskih brigada 90B, 11070 Belgrade, Serbia, Tel: +381 11 2209 400, www.3m.co.rs/3M/sr_RS/3m-south-east-europe/
3M Slovensko s.r.o., Polus Tower 2, Vajnorská 100/B, 83104 Bratislava
3M (East) AG, Branch office Slovenia, Cesta v Gorice 8, 1000, Ljubljana, Slovenia, Tel: +386 1 2003 630, www.3m.com/3M/sl_SI/3m-south-east-europe/
3M Sanayi ve Ticaret As, Barbaros Mah., Mor Sümbül Sok., No:7/3F, 27-51, Nidakule Ataşehir Güney, 34746 Ataşehir, İstanbul, Turkey



Technical Data Sheet

Effective: 29/05/2019 Supersedes: 02/01/2014

3M Gulf Limited, Dubai Internet City, Building No. 11, 3rd Floor, U.A.E

© 3M 2019. 3M is a trademark of the 3M company. All rights reserved