



Automotive Aftermarket Division

3M™ 80349 Extra Fine Compound

1) Part Numbers

80349

2) Description and end uses

3M™ 80349 Extra Fine Compound has been developed specifically for modern scratch resistant paints to give a relative high cut and very high gloss. The product is equally useful on standard paints. For use on refinish on original paints to remove sanding scratches after rectifying paint defects such as dust nibs or orange peel. Can also be used as an alternative to 3M™ Machine Polish after using a coarser compound to restore finish.

3M™ 80349 is a fine automotive compound for use on refinish paints to remove sanding scratches after denibbing or flattening with 3M™ 260L P1500 abrasive discs on 3M™ Microfine 2000 grade Wetordry™ hand sanding paper or 3M™ 9 micron abrasive disc. Use the appropriate size of Trizact™ Fine Finishing Discs 50076 (150 mm), 50075 (75 mm) or 3M™ A5 Trizact™ discs 50079 (32 mm) after sanding to refine the scratches before compounding.

3M™ 80349 is recommended for use with an electric or air driven polisher (1500-2000 rpm) equipped with a 3M™ 01927 Perfect-it™ Wool Compounding Pad on a 3M™ 09552/3 Back-up Pad. The wool pad should be used to give more aggression for the initial compounding stage until the scratches are removed. The pad should then be swapped for a 09550 Foam Compounding Pad to go over the compounded areas to restore gloss. On typical hard scratch resistant paints the harder orange foam will achieve a perfect finish. On softer paints the use of the 3M™ 09738 (soft black) polishing pad is recommended.

3) Physical Properties

Container:	1 litre bottle
Quantity per box:	12 bottles
Flash point:	97.22°C closed cup
Colour:	White
Consistency:	Thick liquid



Technical Data Sheet

Effective: 28/02/2020 Supersedes: 06/06/2007

VOCs:	15% by weight SCAQ443
Viscosity:	12,000-22,000 cps
pH:	7-8.5
% volatile:	70-80% by weight

4) Directions for Use

1. Shaking the bottle before use is not necessary but may help in dispensing the product
2. Sand any defects with 3M™ 260L Hooking Finishing Film Discs P1500 or 3M™ Microfine Wetordry™ grade 2000. For denibbing 3M™ 9 micron discs can be used
3. Refine scratches with the corresponding size of Trizact™ Fine Finishing Discs. On hard scratch resistant paint it will be necessary to sand longer with the Trizact™ discs than on standard paints
4. Apply compound using a rotary polisher and a 01927 Wool Compounding Pad. Use sufficient compound and do not run dry on fresh paint
5. Check afterwards to see if all scratches have been removed by using 3M™ Glass Cleaner/3M™ Control Spray
6. If any scratches are remaining carry out step 4 again
7. If all scratches have been removed replace the 01927 pad with the 09550 Compounding Pad and apply compound. Buff to a high gloss using pressure at first then easing the pressure as the compound is drying out
8. Remove any residue with a 3M™ 60668 High Performance Cloth
9. Clean any spatter from adjacent panels and plastics/rubbers with a soft damp cloth

The above system for using 3M™ 80349 is ideal for removing individual dust nibs, especially as the scratch resistant paints are harder to refinish than standard paints. If, however, a large area rectification is needed then after the sanding and Trizact™ scratch refining stage use 80349 on a 200 mm 3M™ 05704 Superbuff™ III wool compounding pad before changing to the 150 mm 09550 foam compounding pad for the final stage. Alternatively use 3M™ 09374 Fast Cut Compound or 3M™ 50077 Trizact™ Compound on a 09550 Perfect-it™ Foam Compounding Pad then finish with 3M™ 80349 Extra Fine Compound on a clean 09550 foam pad.



Technical Data Sheet

Effective: 28/02/2020 Supersedes: 06/06/2007

5) Storage

Avoid frost
Store upright
Practical shelf life is 2 years

6) Safety

Skin contact: Avoid contact with skin
After contact with skin wash immediately with plenty of soap and water

Ingestion: If swallowed do not induce vomiting. Seek medical advice immediately and show the container or label

3M™ 80349 Extra Fine Compound is designed FOR PROFESSIONAL INDUSTRIAL USE ONLY.

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



Technical Data Sheet

Effective: 28/02/2020 Supersedes: 06/06/2007

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

© 3M 2019. 3M, Superbuff, Wetordry, Trizact, Perfect-it and are all trademarks of the 3M company. All rights reserved