

DuPont Technical Data Sheet

DuPont™ 1480S™ PRODUCTIVE SPOT REPAIR PRIMER

TYPE

A two-component, non-ISO, low VOC (<2.1 lbs. per gallon RTS) 2K primer-filler.

DESCRIPTION

DuPont™ 1480S™ Productive Spot Repair Primer is designed for fast and easy repairs to spot and panel damage. It decreases total paint cycle time by providing consistent speed to sand of 60 to 90 minutes [air-dry]. DuPont™ 1480S™ delivers high quality topcoat holdout, minimum over-spray, ease of sanding and high build.

SUGGESTED USES

- For use over properly sanded substrates such as aluminum, steel, fiberglass and plastic.
- When used over stainless and galvanized steel, the substrate should be sanded and treated with DuPont™ MetaLok® -CVP 250-S™ and DuPont™ MetaLok® -CVP 235S™ pretreatment coating.

NOT RECOMMENDED FOR

- Immersion service

COMPATIBILITY WITH OTHER COATINGS

- Compatible with all DuPont™ OEM / Commercial Finishes primer and topcoat systems

WEIGHT SOLIDS

- 73.5% Non-Activated
- 68.6% Activated 4:1 with 1481S™

VOLUME SOLIDS

- 54.6% Non-Activated
- 52.7% Activated 4:1 with 1481S™

WEIGHT PER GALLON

- 13.7 lbs. per gallon Non-Activated

SUGGESTED DRY FILM THICKNESS:

- 1.5-2.0 mils (after sanding)

THEORETICAL COVERAGE READY-TO-SPRAY GALLON:

- 846 Square Ft/Gal @ 1 mil DFT

GLOSS

- Satin Sheen

COLOR

- Light Gray

FLASH POINT (CLOSED CUP)

- 20-73°F (-7 to 23°C)

SHELF LIFE

- 12 Months Maximum

APPLICATION SOLVENTS

- Product has a ready-to-spray VOC content below 2.1 lbs./gallon upon activation. Only the addition of DuPont™ ChromaClear® V-1075S™ Low VOC ChromaSystem™ reducer is recommended for improved flow and leveling. Further reduction with other solvent packages may result in a VOC greater than 2.1 lbs./gallon.

CLEANUP SOLVENT

- Clean spray equipment immediately with a compliant gun & equipment cleaning solvent.

ACTIVATION RATIO

- Prior to activation, thoroughly mix the DuPont™ 1480S™ Productive Spot Repair Primer and check to ensure there is no settling and it is uniform.
- To 4 parts DuPont™ 1480S™ add 1 part DuPont™ 1481S™ Standard Temp Activator or DuPont™ 1489S™ High Temp Activator.

INDUCTION

- No induction time required

POTLIFE

- 1 Hour @ 77°F

CURE RECOMMENDATIONS

- Air Dry 60-90 minutes @ 77°F
- Force Dry 20 minutes @ 140°F (60°C)

ENVIRONMENTAL

- VOC Content (lbs. per gallon)

	LE	AP
DuPont™ 1480S™	2.1	1.6
RTS @ 4:1 with 148XS™	2.0	1.5

A DuPont OEM / Commercial Finishes Product



DuPont™ 1480S™ PRODUCTIVE SPOT REPAIR PRIMER

PROCEDURE IF BODY FILLER IS APPLIED

- # 36 grit grind areas for repair
- Apply body filler on each area. Air dry per product instructions (minimum 15 minutes). Block sand with #36 / #80. Finish with #150.
- Apply metal gaze finishing putty. Air dry per product instructions (minimum 15 minutes). Block sand with #80. Finish with #150.
- Finishing: prep D.A. outer edges with #220 to smooth down. Finish with #400.
- Apply three coats of DuPont™ 1480S™ primer-filler to each area with a 10 minute flash between coats.
- Flashed 15-20 minutes prior to lamp bake (30 x 170°F) or 1 hour air dry before sanding.
- Blocked sand all areas with #320.

REPAIR AREAS WITHOUT BODY FILLER

- Finishing: prep D.A. outer edges w/ #220 to smooth down. Finish with #400.
- Apply three coats of DuPont™ 1480S™ primer to each area with a 10 minute flash between coats
- Flashed 15-20 minutes prior to lamp bake (30 x 170°F) or 1 hour air dry before sand.
- Blocked sand all areas with #320.

FOR VOC REGULATED AREAS

These directions refer to the use of products that may be restricted or require special mixing instructions in your area. Follow recommendations in the DuPont Compliant Products Chart for your area.

SAFETY AND HANDLING

DuPont is committed to helping you develop and maintain a safe working environment. Carefully read the specific warnings and precautions printed on the labels of all DuPont products before handling or using. These products are for industrial use by trained professional painters only.

Do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves.

10/07

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