



TEST METHODS FOR PLASTICS IDENTIFICATION

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The common plastics used in the auto industry can normally be identified by a marking on the back of the part. When this marking cannot be found, there are two tests that work fairly well to help determine whether to use Primer PO or Plastoflex Primer. These tests are as follows:

1. Burn Test
2. Float Test

BURN TEST:

Shave off a small sliver of plastic from the back of the part. Ensure that the part is free of paint, mold release agent, or any other coating. Hold one end in a tweezers and light the other end of the sliver.

If the sliver burns with a black heavy smoke or releases spirals of smoky plastic, it indicates the use of Plastoflex Primer. If the sliver burns clean with no smoke (like that of a candle), it indicates the use of Primer PO.

NOTE:

Conduct this test in a safe, ventilated environment.

FLOAT TEST:

Shave off a small sliver of plastic from the back of the part. Ensure that the part is free of paint, mold release agent, or any other coating. Submerge the sliver in a glass of water. If the sliver floats, it indicates the use of Primer PO. If the sliver sinks or submerges, it indicates the use of Plastoflex Primer.

Primer PO

Plastics = PO
= PP
= PE
= PP/EPDM
= PP/EPM
= TPO
Burns = clean like candle
Float = floats

Plastoflex Primer

Plastics = SMC
= BMC
= GFK
= PC
= PP/EPDM
= PP/EPM
= ABS
= PPD
= PA
= HP-Alloy
= PUR
= P.D.T.
= TPU
Burns = heavy black smoke
Float = sinks or submerges

SANDING:

- Prior to Primer PO, abrade the panel or part to be painted with a grey scuffing pad and Sikkens Plastic Fix.
- Prior to Plastoflex Primer; sand the panel or part to be primed with #P360 grit paper dry or #P500 to #P600 wet. These parts may also be prepared with a red scuffing pad and Sikkens Plastic Fix.

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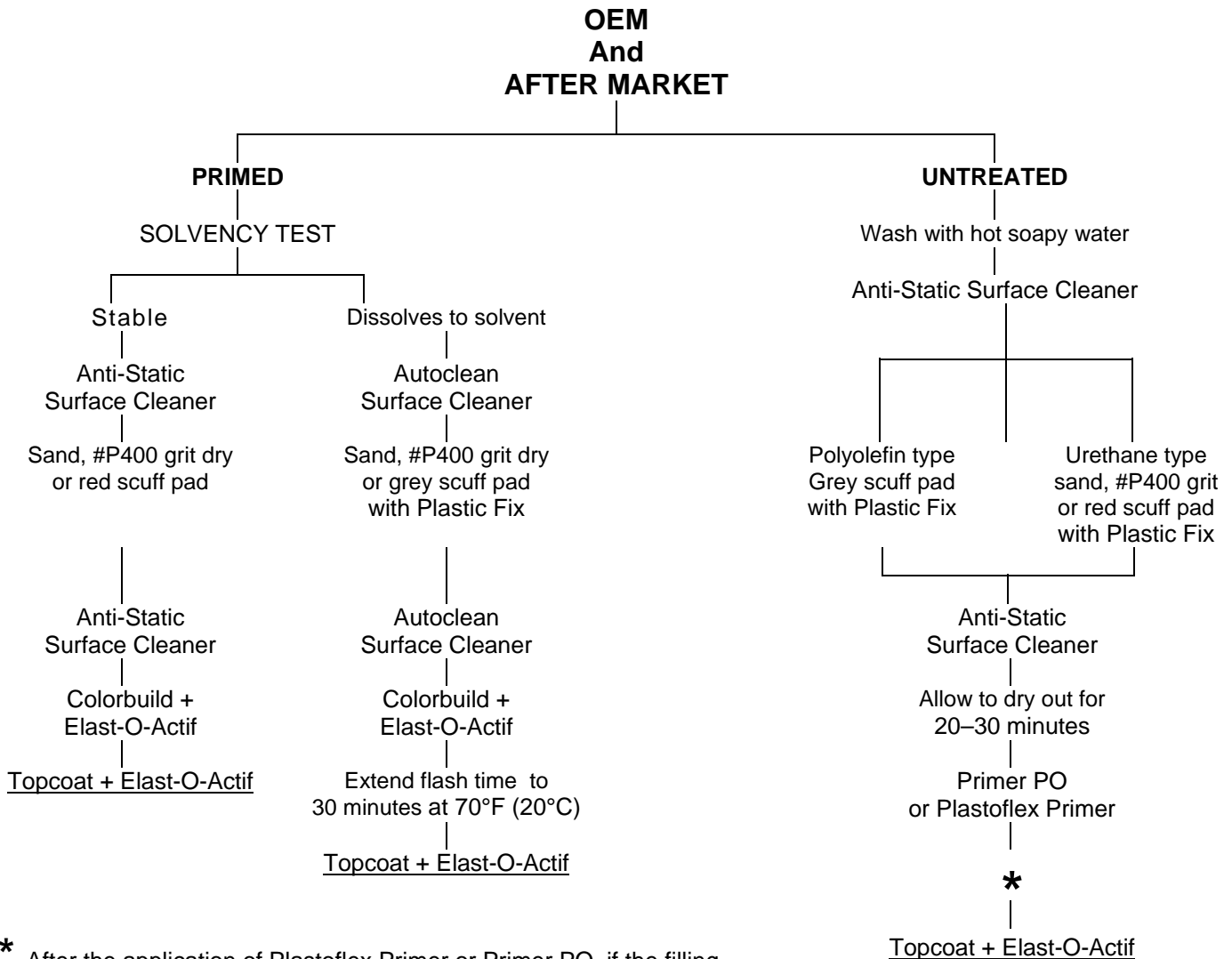
(PREPARATION AND PAINT SYSTEMS)

FLEXIBLE PLASTICS:

Pretreatment:

—As the refinishing of flexible plastic parts requires the highest consideration from the technician, it is necessary to assess the plastic part that is being refinished. Please refer to the heading, "Test Methods for Plastic Identification" to determine the type of plastic that is to be refinished. The technician should address the situation by using the guidelines as follows:

FINISHING OF NEW REPLACEMENT PLASTIC PARTS

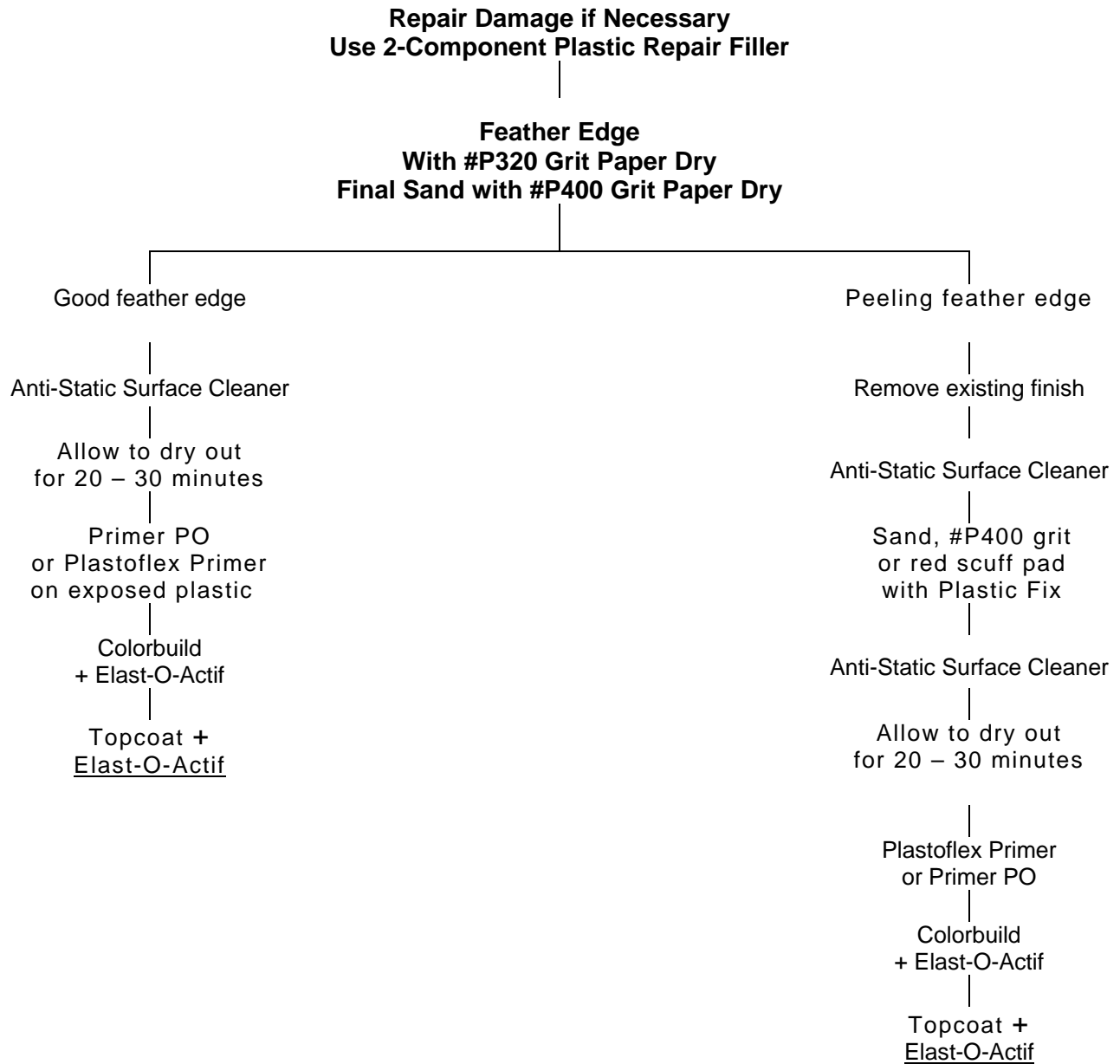


* After the application of Plastoflex Primer or Primer PO, if the filling qualities of Colorbuild are required, proceed. Remember, Elast-O-Actif should be added to Colorbuild for flexible parts.

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(PREPARATION AND PAINT SYSTEMS)

REPAIRING EXISTING OEM PLASTIC PARTS



Having decided on the type of repair system for the plastic part worked on, apply the necessary products to complete the job.