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POSITIVE DEVELOPER
AR46
bottle 1 litre

CHARACTERISTICS

Positive developer for PCB presensibilized CIF.
1 litre ready for use.

DEVELOPMENT

Prepare the development in a tray
Pour the contents of CIF AR46 in the tray, use at at 18° minimum.
Immediately after exposure, put the PCB into the developer and shake.
The photosensitive resin which has been exposed should disappear in less than 2
minutes. If development has not been totally carried out, please refer to the table at the
end of the notice).
If the plate is not immediately etched, rinse it with running water.

SECURITY

Report to the MDS, available on simple request.

cif@cif.fr

INCIDENT AND SOLUTION TABLE

INCIDENTS	CAUSES	SOLUTIONS
Photo sensitive circuit Development is not made	Exposure time too short Out of date plate. Development temperature too low – saturated developer.	Carry out test with grey scale (test film) and a new developer – Minimum temperature 18°C
Circuit cut during development or out of focus development	Bad contact of original on the plate - Mylar too thick - Drawing density not black enough – cut on the drawing	Improve pressing or check the machine – Make a contact film (C.I.F. reprophane film) . Check light table.
Copper full of holes after etching	Over exposed plate – drawing not opaque enough – bad contact – etching time too long	Check the original and make test with grey scale (test film)
No etching	Resin remains on the plate. Saturated etching agent	Increase exposure and development times – change etching agent.
Fine tracks after etching	U.V. pass under the original – under etching phenomenon – Mylar too thick	Improve contact. Improve etching system – Make a contact film – Place the photo layer against the resin