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Allergic dermatitis from etofenamate

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Key words: Contact dermatitis - etofenamate.

A 13-year-old skater developed an allergic contact dermatitis with erythema, vesicles and exudation on her thigh, after a 3-day application of a gel containing etofenamate (Bayrogel®). 3 weeks after discharge, a use-test with Bayroge® was strongly positive; patch-tests gave the following results:

	48 h	72 h
Bayrogel®	++	++
etofenamate	++	++
other ingredients	--	--
standard series	--	--

Etofenamate is the probable sensitizer in our patient, as also occurred in the contact dermatitis from Rheuman-Gel®, the German equivalent of Bayrogel®, reported by Vanhee et al. (1).

References

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Isolated Cardura E10 sensitivity in an epoxy resin chemical process

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Key words: Cardura E10 - epoxy resin - reactive diluent.

The patient, a 33-year-old man, had been working for 3 years in a polymer plant involved in the production of epoxy resin systems. A standard bisphenol A/epichlorohydrin type epoxy resin is mixed in an open tank with Cardura E 10 (an epoxy reactive diluent), triphenylphosphite, diisobutyl phthalate and fillers such as magnesium oxide and calcium carbonate. During the mixing process, some of the material adheres to the sides of the tank and each worker has to scrape the adherent during the mixing process.

At the time of presentation, the patient had been working for 3 to 4 years in the polymer plant. Within 6 to 7 days of starting the process, he developed an itchy papular rash on the forearms with erythema of the face and swelling of the eyelids. The rash developed within 8 to 12 h of exposure to the material and

cleared within 1 to 2 weeks, followed by scaling. The rash has been recurrent, occurring after nearly every exposure to the process and more recently he has had slight involvement of the upper chest, right anterior thigh and penis.

Patch tests:

	2 days	4 days
standard epoxy resin 2% pet.	-	-
own epoxy resin 2% pet.	-	-
completed resin compound 2% pet.	-	±
Cardura E10 1% pet.	-	++

4 other workers at the plant were patch tested. Of these, 2 were positive to epoxy resin, but none was positive to Cardura E10 which was also negative in 10 control subjects.

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