

aches upon the test sample. The size of the bottom of the cylinder was such that the cockroaches were required to remain on the surface of the test pad. The group of five cockroaches were exposed for 30 minutes and removed. These roaches were observed subsequently and the number dying within 30 minutes observed. The number dying in the following 24 hours and 48 hours was also observed. After a period of 5 days, a new set of five cockroaches was placed on the test pad and again left there for 30 minutes. These were also removed and the number dying after 30 minutes, 24 hours and 48 hours observed. The same procedure was repeated after 7 days. Table 4 below sets forth the percentage of cockroaches killed after each of these exposure times.

TABLE 4

Ex. No.	Time (hr.)	1st day	5th day	7th day
10	$\frac{1}{2}$	0	0	0
	24	20	60	80
	48	20	100	80
11	$\frac{1}{2}$	0	40	40
	24	0	40	60
	48	0	60	—
12	$\frac{1}{2}$	20	—	60
	24	40	80	100
	48	40	80	—
13	$\frac{1}{2}$	60	—	100
	24	80	80	100
	48	80	80	—
14	$\frac{1}{2}$	100	80	100
	24	100	100	80
	48	100	100	—
15	$\frac{1}{2}$	100	100	100
	24	100	100	100
	48	100	100	—
16	$\frac{1}{2}$	100	50	80
	24	100	100	80
	48	100	100	—
17	$\frac{1}{2}$	100	100	80

TABLE 4-continued

Ex. No.	Time (hr.)	1st day	5th day	7th day
	24	100	100	100
	48	100	100	—

What is claimed is:

1. An insecticidal device which can be deposited in areas infested with undesirable insects and after use easily removed, comprising an insecticidal substance impregnating and coating the fiber surfaces of a lofty, low-density, open non-woven web which will permit the passage therethrough of smaller-size insects such as ants, mites and lice, and has a thickness of at least 0.5 cm thick and a void volume within the range of about 85 to 97 percent, said web being formed of randomly disposed crimped or looped synthetic fibers having a fiber size on the order of 6 to 200 denier and being bonded together at points where they touch and cross, said insecticidal substance being selected from the group consisting of pyrethrum, endrin, aldrin and its epoxide, dieldrin, heptachlor, DDT, BHC, lindane, chlordane, methoxychlor, DDD, TDE, toxaphene, malathion, parathion, TEPP, schradan, demeton, dimethoate, carbaryl and methyl carbamate, organic thiocyanates, haphthalene, paradichlorobenzene, pentachlorophenol, and tetrachlorophenol.

2. The insecticidal device of claim 1 wherein said web is formed of staple fibers which have been bonded together at the points where they touch and cross by an adhesive composition.

3. The insecticidal device of claim 1 wherein the insecticide is encapsulated pyrethrum.

4. The insecticidal device of claim 1 wherein said web is in the order of 0.5 to 5 cm thick.

5. The insecticidal device of claim 1 wherein said fibers are autogeneously bonded together.

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