RHODIA Form SC 13G February 09, 2005

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No.)*

RHODIA

(Name of Issuer)

Common stock, nominal value (euro) 1 per share

(Title of Class of Securities)

762397 10 7

(CUSIP Number)

August 20, 2004

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- o Rule 13d-1(b)
- o Rule 13d-1(c)
- ý Rule 13d-1(d)

^{*}The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 762397 10 7

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Sanofi-Aventis			
	Not applicable			
2.	Check the Appropriate Box if a (a) (b)	a Member of a Group (See) o o	Instructions)	
3.	SEC Use Only			
4.	Citizenship or Place of Organization The Republic of France			
	5.		Sole Voting Power 96,110,182 shares	
Number of Shares Beneficially Owned by	6.		Shared Voting Power 0 shares	
Each Reporting Person With	7.		Sole Dispositive Power 96,110,182 shares	
2 0.300.1 (1.11.1	8.		Shared Dispositive Power 0 shares	
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 96,110,182 shares			
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o			
11.	Percent of Class Represented by Amount in Row (9) 15.3%			
12.	Type of Reporting Person (See CO	Instructions)		

2

Item 1.				
	(a)	Name of Issuer		
		Rhodia		
	(b)	Address of Issuer s Prin	cipal Executive Offices	
		Rhodia		
		26, Quai Alfonse Le Gal		
		92512 Boulogne Billanc	ourt	
		France		
Item 2.				
item 2.	(a)	Name of Person Filing		
	(u)	Sanofi-Aventis		
(b)		Address of Principal Business Office or, if none, Residence		
		174 avenue de France		
		75013 Paris		
		France		
	(c)	Citizenship		
		The Republic of France		
	(d)	Title of Class of Securiti	es	
		Common Stock of Rhod	ia, nominal value (euro) 1 per share	
	(e)	CUSIP Number		
		762397 10 7		
Item 3.	If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a: Item 3 is not applicable.			
	(a)	0	Broker or dealer registered under section 15 of the Act (15 U.S.C.	
	(a)	O	780).	
	(b)	0	Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).	
	(c)			
		0	Insurance company as defined in section 3(a)(19) of the Act (15	
		0	U.S.C. 78c).	
	(d)	0	U.S.C. 78c). Investment company registered under section 8 of the Investment	
	(d)		U.S.C. 78c). Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).	
	(d) (e)	0	U.S.C. 78c). Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8). An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);	
	(d)	o	U.S.C. 78c). Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8). An investment adviser in accordance with \$240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with	
	(d) (e) (f)	0 0 0	U.S.C. 78c). Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8). An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);	
	(d) (e)	0	U.S.C. 78c). Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8). An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with	
	(d) (e) (f) (g)	0 0 0	U.S.C. 78c). Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8). An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);	
	(d) (e) (f)	0 0 0	U.S.C. 78c). Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8). An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G); A savings associations as defined in Section 3(b) of the Federal	
	(d) (e) (f) (g) (h)	0 0 0 0	U.S.C. 78c). Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8). An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G); A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);	
	(d) (e) (f) (g)	0 0 0	U.S.C. 78c). Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8). An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G); A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); A church plan that is excluded from the definition of an investment	
	(d) (e) (f) (g) (h)	0 0 0 0	U.S.C. 78c). Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8). An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G); A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of	
	(d) (e) (f) (g) (h) (i)	0 0 0 0	U.S.C. 78c). Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8). An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G); A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);	
	(d) (e) (f) (g) (h)	0 0 0 0	U.S.C. 78c). Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8). An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G); A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of	

Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:

96,110,182 shares

(b) Percent of class:

15.3 %

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote

96,110,182 shares

(ii) Shared power to vote or to direct the vote

None

(iii) Sole power to dispose or to direct the disposition of

96,110,182 shares

(iv) Shared power to dispose or to direct the disposition of

None

Item 5. Ownership of Five Percent or Less of a Class

Item 5 is not applicable.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following O.

Item 6. Ownership of More than Five Percent on Behalf of Another Person

Item 6 is not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent

Holding Company or Control Person

Item 7 is not applicable.

Item 8. Identification and Classification of Members of the Group

Item 8 is not applicable.

Item 9. Notice of Dissolution of Group

Item 9 is not applicable.

Item 10. Certification

Item 10 is not applicable.

4

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

SANOFI-AVENTIS

Date: February 8, 2005 By: /s/ Jean-Claude Leroy

Jean-Claude LEROY Chief Financial Officer

5