

General Motors outfits South Africa's security forces with military vehicles... Sperry and Mohawk Data Sciences are computerizing South Africa's white-controlled local government agencies... Fluor Corporation has multibillion dollar contracts for South Africa's nuclear and coal-to-oil facilities... IBM, Control Data and Amdahl computer hardware streamline work at Pretoria's largest government research agency which does work for the military....

Despite growing repression of Blacks, nearly 300 U.S. corporations are deeply and directly involved in the South African economy. These firms benefit from and sustain the system of white rule known as apartheid. Their involvement spans several critical sectors of the

workers, while the black, "Coloured" and Asian labor force alone is estimated at 7.9 million. Thus even if all the U.S. corporations in South Africa rigorously enforced the Sullivan Code and hired only non-white workers, it would only benefit less than one percent of the African, "Coloured" and Asian workforce combined.

Although the Sullivan reforms may have helped some workers, the scale of oppression in South Africa is overwhelming. Ultimately, companies that want to "play ball" in South Africa have to play by Pretoria's rules. Even though the plant bathroom facilities may be desegregated, it is impossible to keep apartheid out of the workplace. Corporations in the Pretoria-Witwatersrand area, for example, are prohibited from

# INVESTING IN APARTHEID

## A GUIDE TO U.S. CORPORATIONS IN SOUTH AFRICA

economy: U.S. corporations control up to 33 percent of the motor vehicles market; 44 percent of the oil market and 48 percent of the computer market. Direct U.S. investment (subsidiaries) in South Africa has grown to over \$2 billion. A classified State Department cable leaked to the press in 1983 put the total level of U.S. financial involvement in South Africa (including subsidiaries, loans and investments) at \$14.6 billion.

Are U.S. companies "agents of social change" in South Africa? Are they setting the stage for majority rule and helping dismantle apartheid?

U.S. businesses point to the Sullivan Principles, a corporate code of conduct advanced by Reverend Leon Sullivan of Philadelphia, as proof that the companies are a positive force for change. Yet, less than half of all U.S. companies doing business in South Africa have signed the Sullivan Principles and the code itself has come under considerable criticism from church, student and labor groups. Consensus is eroding even within the business community. In the assessment of one U.S. risk analysis firm, although the Sullivan Code has desegregated some plants and aided certain community projects, "there is a growing feeling that it is ineffectual in one of the most crucial objectives — the advancement of black workers to more senior jobs."

U.S. companies in South Africa have created relatively few jobs. They employ approximately 123,000

hiring more than 2.5 Africans for every white worker. Overall, the relatively small white labor force takes home 59% of the nation's wages, while the African labor force receives a mere 29%.

When necessary, the South African government can intervene directly to make sure foreign-owned companies support the status quo. Pretoria's "National Supplies Procurement Act" and the "Defence Act" permit the regime to simply commandeer the technology or resources it needs. The government can invoke another law to curb the flow of business information out of the country, a measure which has been used to prevent U.S. companies from furnishing information to Washington for the enforcement of U.S. trade restrictions.

Once U.S. technology is sold in South Africa, American companies are powerless to prevent its diversion or end-use by the government, police, army, military researchers or the local arms industry. Some companies are apparently willing to assist the government: "Multinationals, including U.S. subsidiaries, are determined to undercut any sanctions action and have already made plans to camouflage their operation through subterfuges arranged with affiliates in other countries," according to a classified 1978 State Department cable released to NARMIC. The cable continued: "SAG's (the South African Government's) stake in the multinationals is very large, not only for obvious economic reasons but

because they exercise a restraining effect on policy-makers abroad."

Apartheid is growing to be a major issue for U.S. investors. For those who are associated with churches or religious institutions, concern about investment in South Africa is a matter of conscience. For others, such as trade union members, concern about the investment of union funds is a way of expressing solidarity with

workers in South Africa. Local government leaders, students and community activists are working to see that university, municipal and state funds are not invested in companies that support apartheid. Many organizations are addressing the issue through shareholders' actions, selective divestment or by complete divestment of stock in corporations operating in South Africa.

*This guide to U.S. corporations with subsidiaries and affiliates in South Africa represents only the most direct form of U.S. business involvement. It does not include less obvious forms of U.S. support such as bank loans, scientific exchanges, franchises, licensing agreements, and sales of U.S.-origin technology through South African distributors or third countries.*

*Several sources were used to compile this survey. They include: information filed with the Securities and Exchange Commission; business references such as the Directory of American Firms Operating in Foreign Countries; Foreign Investment in South Africa, which was published by the Investor Responsibility Research Center Inc.; the International Directory of Corporate Affiliations; information from the Reverend Sullivan's International Council for Opportunity Principles and the most recent (1982) list of companies in South Africa compiled by the U.S. Consulate General in Johannesburg. Additional information also came from correspondence and interviews with the companies as well as from U.S. and South African*

*press reports. Due care was used in researching and compiling the guide, however NARMIC assumes no legal liability for any inclusions or exclusions. This guide does not list U.S. subsidiaries in South Africa whose primary function is newsgathering and reporting.*

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*[Redacted] each, 10 or more copies  
[Redacted]  
September 1985.*

<b>U.S. Parent Company</b>	<b>Subsidiary or Affiliate in South Africa with Location</b>	<b>Assets of Parent in South Africa, 1983</b>	<b>Product/Service</b>	<b>Sales of Parent in South Africa, 1983</b>	<b>Number of Employees</b>
ACF INDUSTRIES INC. 750 Third Ave. New York, NY 10017	Polypenco (Pty.) Ltd. NA	NA	NA	NA	NA
AM INT'L. INC 333 W. Wacker Drive Suite 900 Chicago, IL 60606	AM Int'l (Pty.) Ltd. Randburg	NA	Communications Graphics, Data Control	\$17 million (=)	370
AMR INC.* 6039 Oram Dallas, TX 75206	American Airlines Marshalltown	NA	Travel Information Ticket Sales	None	4
ABBOTT LABORATORIES* Abbott Park No. Chicago, IL 60064	-Abbott Laboratories SA (Pty.) Ltd. Johannesburg -Abbott Hospital Products (Pty.) Ltd. NA	\$6.5 million	Pharmaceuticals Hospital Products "	\$15 million	141
ACCURAY CORP. 650 Ackerman Road Columbus, OH 43202	Accuray SA (Pty.) Ltd. Springs	NA	Process Control Systems	NA	21
AIR EXPRESS INT'L. CORP. 120 Tokeneke Rd. Darien, CT 06920	Air Express Int'l Corp. Kempton Park Johannesburg	NA	Air Freight Forwarders	NA	45
AIR PRODUCTS AND CHEMICALS INC. P.O. Box 538 Allentown, PA 18105	Air Products SA (Pty.) Ltd. Sandton (Johannesburg)	\$34 million	Industrial Gases and Equipment	\$17 million	313
ALBANY INT'L. CORP. P.O. Box 1907 Albany, NY 12201	Beier Albany Co. Pinetown	NA	Industrial Textiles and Fabrics	NA	NA
ALEXANDER & ALEXANDER SERVICES INC.* 300 E. Joppa Rd. Baltimore, MD 21204	Alexander Howden Johannesburg	\$18 million	Insurance Brokers	\$5.8 million	291
ALLEGHENY INT'L. INC. P.O. Box 456 Pittsburgh, PA 15230	-The Lion Match Co. Ltd. Durban  -The National Match Co. Ltd. -Umtombeni Farm (Pty.) Ltd. -Interpak Holdings (Pty.) Ltd. -Wilkinson Sword (SA) (Pty.) Ltd.	NA  NA NA NA NA	Packaging and Consumer Items	NA NA NA NA NA	2,025 NA NA NA NA
LOUIS A. ALLEN ASSOC. LTD. 3600 W. Bayshore Palo Alto, CA 94303	Louis A. Allen Assoc. Inc. Parkwood	NA	Management Consultation	NA	6
ALLIS CHALMERS CORP. 1205 So. 70th St. Milwaukee, WI 53201	-AAF-Alta Corp.(Pty.)Ltd Johannesburg -Allis-Chalmers Services Inc. Johannesburg -AFF (Pty.) Ltd. Johannesburg	\$11 million	Air Pollution Controls; Electrical Equipment	\$13 million	90
AMDAHL CORP.* 1250 E. Arques Ave. Sunnyvale, CA 94086	-Amdahl Int'l. Corp. Booysens (Johannesburg) -Trans SA (Pty.) Ltd. Booysens (Johannesburg)	NA	Computers	NA	56
			Network Systems	NA	NA

An asterisk (\*) indicates that the corporation has signed the Sullivan Code. Sales in South Africa are from 1983; the symbol (=) indicates sales in 1984. SA means South Africa and "NA" means not available.

1. Polypenco is jointly owned with Chesebrough-Pond's.

<b>U.S. Parent Company</b>	<b>Subsidiary or Affiliate in South Africa with Location</b>	<b>Assets of Parent in South Africa, 1983</b>	<b>Product/Service</b>	<b>Sales of Parent in South Africa, 1983</b>	<b>Number of Employees in South Africa, 1983</b>
AMERICAN CYANAMID CO.* One Cyanamid Plaza Wayne, NJ 07470	-SA Cyanamid (Pty.) Ltd. Edenvale (Johannesburg)  -Lederle Labs. (Pty.) Ltd. Edenvale (Johannesburg) -Shulton Africa Ltd. Edenvale (Johannesburg) -Decorative Boards (Pty.) Ltd. Johannesburg (inactive) -Laminate Industries (Pty.) Ltd. Edenvale	\$9 million	Chemical, Agricultural, and Medical Manufactures  Holding Co.  Laminated Wood Products	\$50 million	1,025
AMERICAN EXPRESS CO.* American Express Plaza New York, NY 10004	American Express Int'l. Inc. Johannesburg	\$.08 million	Credit, Banking, Travel, Investment	\$9.6 million	4
AMERICAN HOME PRODUCTS CORP.* 685 Third Ave. New York, NY 10017	-Wyeth Labs. (Pty.) Ltd. Isando (Johannesburg)  -Whitehall Products SA (Pty.) Ltd. Johannesburg -Ayerst Labs.(Pty.) Ltd. Halfway House -Skyline Products (Pty.) Ltd. NA -Prestige Group SA (Pty.) Natal	\$24 million	Pharmaceuticals, Infant Nutrition; Household Products NA NA NA NA	\$41 million	503
AMERICAN HOSPITAL SUPPLY CORP.* One American Plaza Evanston, IL 60201	AHSC SA (Pty.) Ltd. Johannesburg	\$1.3 million	Mfr. & Dist. of Science and Medical Specialities	\$3.3 million	16
AMERICAN INT'L. GROUP INC.* 70 Pine Street New York, NY 10270	American Int'l. Insurance Co. Ltd. Braamfontein	\$20 million	Short-Term Insurance	NA	160
AMERICAN STANDARD INC. 40 W. 40th St. New York, NY 10018	Trane Southern Africa Booysens	NA	Mining and Security Equipment	NA	57
AMERFIN CORP. One No. LaSalle St. Chicago, IL 60602	Fordom Factoring Johannesburg	NA	NA	\$678,000 (=)	27
APPLIED POWER INC. P.O. Box 325 Milwaukee, WI 53201	Applied Power SA (Pty.) Ltd. Bramley	NA	Automotive Service, Industrial and Hydraulic Equipment	NA	32
ARMCO INC.* 703 Curtis Street Middletown, OH 45042	-Armco Autometrics Randburg -Kalahari Manganese (Pty.) Ltd. Johannesburg -Armco (SA) (Pty.) Ltd. NA -Armco Bronne (Pty.) Ltd. Johannesburg -Armco Robson (Pty.) Ltd. Johannesburg	\$5 million	Monitoring Equipment Mining (Inactive) NA NA NA	\$7.3 million	6 NA NA



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BAXTER TRAVENOL LABS. INC.* One Baxter Parkway Deerfield, IL 60015	Keagrams (Pty.) Ltd. Johannesburg	\$5.2 million	Medical and Health Care Products	\$2.4 million	886
BEATRICE COMPANIES INC. 2 No. La Salle St. Chicago, IL 60602	-Playtex Africa (Pty.) Ltd. Durban -STP Corp. SA (Pty.) Ltd. Johannesburg -Playtex Properties (Pty.) Ltd. Natal	NA	Foundation Garments NA NA	NA	NA
BECHTEL GROUP INC. P.O. Box 3965 San Francisco, CA 94119	Int'l Bechtel Inc. Johannesburg	NA	Construction	NA	35
BELL & HOWELL CO.* 7100 McCormick Rd. Chicago, IL 60645	Bell and Howell SA (Pty.) Ltd. Braamfontein	NA	Microfilm Products	NA	122
BLACK AND DECKER MANUFACTURING CO.* 701 E. Joppa Rd. Towson, MD 20204	Black and Decker SA (Pty.) Ltd. Cape Town	NA	Power Tools	NA	63
BOEING CO. 7755 E. Marginal Way Seattle, WA 98124	Boeing Int'l Corp. Johannesburg	\$5,500	Customer Service	None	3
BORDEN INC.* 277 Park Ave. New York, NY 10172	-Borden Foods (Pty.) Ltd. Braamfontein -Babalegi Processing (Pty.) Ltd. Hammanskraal -Resinite SA (Pty.) Ltd. Vanderbijlpark -Borden (Pty.) Ltd. NA	\$14 million	Food Products Non-Dairy Creamer Powdered Drink Mix Plastic Wrap NA	\$22 million	338
BORG-WARNER CORP.* 100 S. Michigan Ave. Chicago, IL 60604	Borg Warner SA (Pty.) Ltd. Uitenhage & Johannesburg	\$29 million	Axles; Auto Parts and Service	\$63 million	958
BORN INC. 408 N. Boston Tulsa, OK 74101	Born Africa Germiston (Johannesburg)	NA	Industrial Heaters	NA	NA
BRISTOL-MYERS CO.* 345 Park Ave. New York, NY 10022	B-M Group (Pty.) Ltd. Johannesburg	NA	Pharmaceuticals, Nutritionals, and Consumer Products	NA	346
BUCKMAN LABS. INC. 1256 N. McLean Blvd. P.O. Box 8305 Memphis, TN 38108	Buckman Labs. (Pty.) Ltd. Hammarsdale	NA	Industrial Chemicals	NA	28
BUCYRUS-ERIE CO.* 1100 Milwaukee Ave. So. Milwaukee, WI 53172	Bucyrus (Africa) (Pty.) Ltd. Isando (Johannesburg)	NA	Mining Machinery	NA	20
BUNDY CORP. 12345 E. Nine Mile Rd. Warren, MI 48090	Bundy Tubing Co. SA (Pty.) Ltd. King Williams Town	NA	Tubing for Auto and Refrigeration Industries	NA	200
BURROUGHS CORP.* Burroughs Place Detroit, MI 48232	Burroughs Machines Ltd. Johannesburg	\$150 million	Computers and Business Equipment	NA	563

<b>U.S. Parent Company</b>	<b>Subsidiary or Affiliate in South Africa with Location</b>	<b>Assets of Parent in South Africa, 1983</b>	<b>Product/Service</b>	<b>Sales of Parent in South Africa, 1983</b>	<b>Number of Employees in South Africa, 1983</b>
BUTTERICK CO. INC.* 161 Sixth Ave. New York, NY 10013	Butterick Fashions Marketing SA (Pty.) Ltd. Johannesburg	NA	Import of Wholesale Paper Patterns	NA	44
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CBI INDUSTRIES, INC. 800 Jorie Blvd. Oak Brook, IL 60521	CBI Constructors SA (Pty.) Ltd. Johannesburg	NA	Construction	NA	500
CBS INC.* 51 West 52nd Street New York, NY 10019	-Gramophone Record Co. (Pty.) Ltd. Johannesburg -April Music Publishing Co. (Pty.) Ltd. NA -United Artists Music (SA) (Pty.) Ltd. NA	\$ .5 million	Distribution of Records, Tapes  Sheet Music	NA	40
CIGNA CORP.* 1 Logan Square Philadelphia, PA 19103	-Cigna Insurance Co. SA Johannesburg -Aetna SA Insurance Co. Ltd. Johannesburg	\$29 million	Insurance	\$38 million	113
CPC INT'L INC.* International Plaza Englewood Cliffs, NJ 07632	Corn Products Co. SA (Pty.) Ltd. Durban	\$50 million	Consumer Products	\$80 million	934
CALTEX PETROLEUM CORP.* P.O. Box 61500 Dallas, TX 75261	-Caltex Oil (SA)(Pty.) <sup>2</sup> Ltd. Cape Town -South African Oil Refining Co.(Pty.)Ltd. Cape Town	NA	Petroleum Products  NA	NA	NA
CARD KEY SYSTEMS 20660 Bahana St. Chatsworth, CA 91311	Cardkey Systems of SA (Pty.) Ltd. Hillbrow	NA	Security Systems	NA	11
CARNATION CO.* 5045 Wilshire Blvd. Los Angeles, CA 90036	-Carnation Foods (Pty.) Ltd. Durban -General Containers (Pty.) Ltd. NA -Pool Export (Pty.) Ltd. NA -Tropic Marine Systems (Pty.) Ltd. NA -Lopis (Pty.) Ltd. NA	NA	Milk Products, Concentrates, and Pet Accessories; Packaging  NA  NA  NA	NA	1,043
CASCADE CORP. 5319 Westgate Dr. Suite 224 Portland, OR 97225	Cascade (Africa) (Pty.) Ltd. Isando (Johannesburg)	NA	Lift Truck Attachments	NA	8
CATERPILLAR TRACTOR CO. 100 N.E. Adams St. *Peoria, IL 61629	Caterpillar (Africa) (Pty.) Ltd. Isando, (Johannesburg)	\$22 million	Earthmoving Machinery; Parts and Service	\$86 million	76
CELANESE CORP.* 1211 Ave. of Americas New York, NY 10036	Stein-Hall SA (Pty.)Ltd. Meyerton	\$5.5 million	Water Soluble Reagents	\$6.7 million	50

2. Caltex is jointly owned by Texaco Inc. and Standard Oil of CA.

<b>U.S. Parent Company</b>	<b>Subsidiary or Affiliate in South Africa with Location</b>	<b>Assets of Parent in South Africa, 1983</b>	<b>Product/Service</b>	<b>Sales of Parent in South Africa, 1983</b>	<b>Number of Employees in South Africa, 1983</b>
CHAMPION SPARK PLUG CO. 900 Upton Ave. Toledo, OH 43661	Champion Spark Plug Co. of SA (Pty.) Ltd. Isando (Johannesburg)	NA	Spark Plugs and Wiper Products	NA	92
CHASE MANHATTAN CORP.* 1 Chase Manhattan Plaza New York, NY 10081	Chase Manhattan Overseas Corp. Johannesburg	NA	Financial Services	NA	17
CHESEBROUGH-POND'S INC. 33 Benedict Place Greenwich, CT 06830	-Chesebrough-Pond's International Ltd. Wadeville (Johannesburg) -Polypenco <sup>3</sup> Roodepoort	\$14 million	Cosmetics and Toiletries  NA	\$28 million	529
CHICAGO PNEUMATIC TOOL CO. 6 E. 44th St. New York, NY 10017	Consolidated Pneumatic Tool Co. (Pty.) Ltd. Isando (Johannesburg)	\$5.2 million	Generators and Power Tools	\$8.1 million	138
CITICORP * 399 Park Ave. New York, NY 10043	-Citibank N.A. Ltd. Johannesburg -Diners Club SA (Pty.) Ltd. Johannesburg	\$.2 million	Financial Services Charge Cards	NA	311
COCA-COLA CO.* P.O. Drawer 1734 Atlanta, GA 30313	-Amalgamated Beverage Industries (Pty.) Ltd. Johannesburg -Letaba Citrus Processors Transvaal	\$60 million	Soft Drinks  Fruit Juice Concentrates	\$260 million	4,765
COLGATE-PALMOLIVE CO.* 300 Park Ave. New York, NY 10022	-Colgate-Palmolive Ltd. Boksburg (Johannesburg) -The Kendall Co. of SA (Pty.) Ltd. Cape Town -S. Wainstein & Co. (Pty.) Ltd. Industria, Durban, Pietermaritzburg, and Cape Town -Riviana-Simon SA Johannesburg	NA	Dentifrice, Soaps, and Detergents Hospital Supplies  Rice  NA	NA NA NA	1,234
COLUMBUS MCKINNON CORP. Audobon & Sylvan Pkwy. Amherst, NY 14228	McKinnon Chain SA (Pty.) Ltd. Johannesburg	NA	Chains, Chain Hoists	NA	438
COMPUTER SCIENCES CORP. 650 N. Sepulveda Blvd. El Segundo, CA 90245	Computer Sciences (Pty.) Ltd. Braamfontein	NA	Data Processing and Computer Equipment	NA	550
CONTINENTAL GRAIN CO. 277 Park Ave. New York, NY 10172	Continental South Africa Randburg	NA	Grain Exporters	NA	5
CONTROL DATA CORP.* 8100 34th Ave., South Minneapolis, MN 55440	-Control Data (Pty.) Ltd. Sandton (Johannesburg) -Interdata (Pty.) Ltd. Sandton	\$44 million	Data Processing Software, Computers Purchase & Sale of Information Systems	\$19 million	313
COOPER INDUSTRIES INC.* P.O. Box 4446 Houston, TX 77210	-Gardener-Denver Africa (Pty.) Ltd. Kempton Park -Gardener-Denver Properties (Pty.) Ltd. NA	\$12 million	Mining and Construction Equipment NA	\$11 million NA	153

3. Polypenco is jointly owned with ACF Industries, Inc.



U.S. Parent Company	Subsidiary or Affiliate in South Africa with Location	Assets of Parent in South Africa, 1983	Product/Service	Sales of Parent in South Africa, 1983	Number of Employees in South Africa, 1983
DR. PEPPER CO. 5523 E. Mockingbird Ln. Dallas, TX 75206	-Canada Dry Products Ltd Johannesburg -Benoni Mineral Water Works (Pty.) Ltd. Benoni	NA	Soft Drinks Carbonated Beverages	NA	NA
DRESSER INDUSTRIES INC.* 1505 Elm St. Dallas, TX 75201	Dresser SA (Pty.) Ltd. Wadeville, Cape Town	\$45 million	Construction Equipment	\$45 million	767
E.I. DU PONT DE NEMOURS & CO. INC.* 1007 Market St. Wilmington, DE 19898	Du Pont de Nemours Int'l. SA Sandton (Johannesburg)	None	Chemicals, Plastics	\$35 million	33
DUKANE CORP.* 2900 Dukane Dr. St. Charles, IL 60174	Dukane Corp. Sandton (Johannesburg)	NA	Communications and Sound Equipment	NA	NA
THE DUN & BRADSTREET CORP. 299 Park Ave. New York, NY 10171	-Dun & Bradstreet (Pty.) Ltd. Johannesburg -McCormack & Dodge SA Johannesburg -A.C. Nielsen Co. (Pty.) Ltd.	NA	Credit and Marketing Information NA	NA	550
EASTMAN KODAK CO.* 343 State St. Rochester, NY 14650	-Kodak SA (Pty.) Ltd. Cape Town -ATEX Systems SA (Pty.) Ltd. NA	NA	Photographic Equipment NA	\$100 million	567
EATON CORP.* 100 Erieview Plaza Cleveland, OH 44114	-Eaton Truck Components (Pty.) Ltd. Kempton Park -Cutler-Hammer SA Ltd. Wadeville (Johannesburg) -Cutler-Hammer Babelegi (Pty.) Ltd. Babelegi, Bophuthatswana -Cutler-Hammer IGRNC (Pty.) Properties Wadeville	\$10 million	Axes, Transmissions, and Brakes for Trucks; Industrial Motor Control Equipment; NA	\$19 million	338
ECHLIN CO. 100 Double Beach Rd. Branford, CT 06405	Echlin-Charger Manufacturing Company (Pty.) Ltd. South Hills	NA	Automotive Parts	NA	320
EMERY AIR FREIGHT Old Danbury Rd. Wilton, CT 06897	-Emery Air Freight Corp. Braamfontein -Emery Custom Brokers SA (Pty.) Ltd. NA	NA	Air Freight Forwarding NA	NA	NA
EMHART CORP.* P.O. Box 2730 Hartford, CT 06101	-Bostik (Pty.) Ltd. Port Elizabeth, Cape Town, Johannesburg, Durban -British United Shoe Machinery (SA) (Pty.) Ltd. Port Elizabeth, Cape Town, Pietermaritzburg, Durban -B.U. Engineering (Pty.) Ltd. Port Elizabeth -Wynburg Development (Pty.) Ltd. NA -M.F. Properties (Pty.) Ltd. Port Elizabeth	NA	Industrial Adhesives Industrial Machinery NA	NA	469

<b>U.S. Parent Company</b>	<b>Subsidiary or Affiliate in South Africa with Location</b>	<b>Assets of Parent in South Africa, 1983</b>	<b>Product/Service</b>	<b>Sales of Parent in South Africa, 1983</b>	<b>Number of Employees</b>
ENGELHARD CORP.* Menlo Park, CN 40 Edison, NJ 08818	-Engelhard Industries SA (Pty.) Ltd. Bergvlei -Derby & Co. SA (Pty.) Ltd. Johannesburg	\$1.5 million	Ores, Precious Metals, and Chemicals; NA	\$4.5 million	8 NA
ERICO PRODUCTS INC. 34600 Solon Rd. Cleveland, OH 44139	Cadweld (Pty.) Ltd. Bramley (Johannesburg)	NA	Industrial Equipment	NA	NA
ERIEZ MAGNETICS P.O. Box 10652 Erie, PA 16514	Eriez Magnetics SA (Pty.) Ltd. Johannesburg	NA	NA	NA	NA
EUCLID INC. 22221 St. Clair Ave. Cleveland, OH 44117	Euclid SA (Pty.) Ltd. Johannesburg	NA	Off-highway Mining and Construction Trucks	NA	4
EXXON CORP.* 1251 Ave. of Americas New York, NY 10020	-Esso Standard SA (Pty.) Ltd. Sandton -Gilbarco SA (Pty.) Ltd. Alrode (Johannesburg) -Esso Chemical (Pty.) Ltd. Johannesburg	\$10 million	Petroleum Products and Marketing; Distribution and Service of Pumps; Exxon Products	\$230 million	484 NA NA
FMC CORP.* 200 E. Randolph Dr. Chicago, IL 60601	-FMC SA (Pty.) Ltd. Cape Town -FMC Holdings (Pty.) Ltd. NA -FMC Link Belt Africa (Pty.) Ltd. Johannesburg	\$28 million	Food Processing Equipment; Holding Company	\$35 million	81 NA
FEDERAL-MOGUL CORP.* P.O. Box 1966 Detroit, MI 48235	-Femo (Pty.) Ltd. Marshalltown -Huck SA (Pty.) Ltd. Dunswart	NA	Motor Spares	NA	NA
FERRO CORP.* One Erieview Plaza Cleveland, OH 44114	Ferro Industrial Products Brakpan	NA	Plastics, Ceramics, Chemicals, and Engineering Equipment	NA	209
FIRESTONE TIRE & RUBBER CO.* 1200 Firestone Pkwy. Akron, OH 44317	Firestone SA (Pty.) Ltd. Port Elizabeth	NA	Manufacture of Tires	NA	2,461
FLOW GENERAL INC. 7655 Old Springhouse Rd. McLean, VA 22102	Bios Laboratories Sandton (Johannesburg)	\$ .33 million	Immunology, Bio- Chemistry Products	\$ .42 million	7
JOHN FLUKE MANUFACTURING CO.* P.O. Box C 9090 Everett, WA 98206	Fluke SA (Pty.) Ltd. Bramley (Johannesburg)	\$1.7 million	Electronic Test and Measurement Equipment	\$2.7 million	25
FLUOR CORP.* 3333 Michelson Dr. Irvine, CA 92730	-Fluor (SA) (Pty.) Ltd. Sandton (Johannesburg)  -Fluor Engineers SA Inc. Sandton & Vanderbijlpark	\$9 million	Process Plant Engineering and Construction NA	\$47 million	182 NA

#### **4. Joint venture with Anglo-American Industries.**

<b>U.S. Parent Company</b>	<b>Subsidiary or Affiliate in South Africa with Location</b>	<b>Assets of Parent in South Africa, 1983</b>	<b>Product/Service</b>	<b>Sales of Parent in South Africa, 1983</b>	<b>Number of Employees</b>
GENERAL SIGNAL CORP. High Ridge Park Stamford, CT 06904	-Leeds & Northrup (Pty.) Ltd. Southdale (Johannesburg) -Stock Equipment South Africa (Pty.) Ltd. NA	NA	Electronic Instrumentation NA	NA	42
A.J. GERRARD & CO. 400 E. Touhy Ave. Des Plaines, IL 60018	A.J. Gerrard Steel Strapping Co. SA (Pty.) Ltd. Johannesburg	NA	Steel Strapping Machines	NA	NA
THE GETZ CO. P.O. Box 3994 San Francisco, CA 94119	-Muller & Phipps Africa (Pty.) Ltd. Marshalltown -Oral-B Laboratories SA (Pty.) Ltd. Eastgate	NA	Consumer Products Distribution Marketing	NA	350
GILLETTE CO.* Prudential Tower Bldg. Boston, MA 02199	-Gillette SA Ltd. Springs (Johannesburg) -Julius Martin & Weil (Pty.) Ltd. Johannesburg	NA	Toiletries NA	\$22 million	296
THE GOODYEAR TIRE & RUBBER CO.* 1144 E. Market St. Akron, OH 44316	-Goodyear Tire & Rubber Co. SA (Pty.) Walmer (Port Elizabeth) -Kelly-Springfield Tyre Co. SA (Pty.) Ltd. Johannesburg	NA	Tires, Tubes, and Rubber Products	NA	2,510
W.R. GRACE & CO.* 1114 Ave. of Americas New York, NY 10036	W.R. Grace Africa (Pty.) Ltd. Edenvale (Johannesburg)	NA	Chemical Sealing Compounds	NA	143
GREY ADVERTISING INC. 777 Third Ave. New York, NY 10017	Grey-Phillips, Bunton, Mundell, Blake, (Pty.) Ltd. Johannesburg	NA	Advertising	NA	190
GROLIER INC. Sherman Turnpike Danbury, CT 06816	Grolier Int'l. Inc. Johannesburg	\$2.8 million	Educational Books	\$3.4 million	70
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FRANK B. HALL & CO. INC. 549 Pleasantville Rd. Briarcliff Manor, NY 10510	Robert Ethoven & Co. (Pty.) Ltd. Johannesburg	NA	Insurance	NA	NA
HARNISCHFEGER CORP. P.O. Box 554 Milwaukee, WI 53201	Harnischfeger SA (Pty.) Ltd. Alrode (Johannesburg)	NA	Mining Shovels and Construction Equipment	NA	100
THE HARPER GROUP P.O. Box 2749 San Francisco, CA 94126	Circle Freight Int'l. (SA) (Pty.) Ltd. Kempton Park	NA	Freight Forwarding and Customs Brokerage	NA	60
HAY ASSOCIATES 229 S. 18th St. Philadelphia, PA 19103	Hay-MSL Southern Africa NA	NA	Consulting Services	NA	39
HEALTHDYNE INC. 2253 Northwest Pkwy. Marietta, GA 30067	Airshields of SA (Pty.) Ltd. Johannesburg	\$15 million	Medical Equipment	\$5 million	20
HEINEMANN ELECTRIC CO. Brunswick Pike Trenton, NJ 08650	Heinemann Electric SA Ltd. Bramley (Johannesburg)	NA	Circuit Breakers and Earth Leakage Protectors	NA	1,100
HENKEL CORP. 7900 W. 78th St. Minneapolis, MN 55435	Trochem (Pty.) Ltd. Wadeville (Johannesburg)	NA	Specialized Chemicals	NA	56

<b>U.S. Parent Company</b>	<b>Subsidiary or Affiliate in South Africa with Location</b>	<b>Assets of Parent in South Africa, 1983</b>	<b>Product/Service</b>	<b>Sales of Parent in South Africa, 1983</b>	<b>Number of Employees</b>
HEWLETT-PACKARD CO.* 3000 Hanover St. Palo Alto, CA 94304	Hewlett-Packard SA (Pty) Ltd. Sandton (Johannesburg),	NA	Computers, Sales and Service	\$41 million	246
HONEYWELL INC.* Honeywell Plaza Minneapolis, MN 55408	Honeywell (Pty.) Ltd. Johannesburg	\$25 million	Process Control Equipment	\$49 million	192
HOOVER CO.* 101 East Maple Ave. North Canton, OH 44720	-Hoover SA (Pty.) Ltd. East London -Hoover Properties (Pty.) Ltd. NA	NA	Electrical Appliances NA	NA	320 NA
HOUDAILLE INDUSTRIES INC. One Financial Plaza Ft. Lauderdale, FL 33394	Crane Packing (Pty.) Ltd. Springs (Johannesburg)	NA	Packaging and Industrial Seals	NA	100
HUGHES TOOL CO. 6500 Texas Commerce Twr. Houston, TX 77002	-Hughes Tool Randburg -Hughes Drilling Fluids Johannesburg	NA	Industrial Equipment "	NA	10 NA
HYDRO-AIR ENGINEERING P.O. Box 7359 St. Louis, MO 63177	Hydro-Air SA (Pty.) Ltd. Bramley (Johannesburg)	NA	Roof Truss Machinery	NA	16
HYSTER CO. P.O. Box 2902 Portland, OR 97208	Hyster Africa (Pty.) Ltd. Isando	NA	NA	NA	NA
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IMMA, INC. 300 E. 42nd Street New York ,NY 10017	R. Harwood Advertising (Pty.) Ltd. Marshalltown	NA	Advertising	NA	NA
I.M.S. INT'L. INC. 800 Third Ave. New York, NY 10022	IMS Int'l. SA (Pty.) Ltd. Johannesburg	NA	Market Research	NA	87
ILLINOIS TOOL WORKS INC. 8501 W. Higgins Rd. Chicago, IL 60631	Illinois Tool Works SA (Pty.) Ltd. Johannesburg	NA	Sales Office	NA	5
INGERSOLL-RAND CO.* 200 Chestnut Ridge Rd. Woodcliff Lake, NJ 07675	Ingersoll-Rand Co. SA (Pty.) Ltd. Alberton (Johannesburg)	\$31 million	Industrial Machinery	\$37 million	447
I.B.M. CORP.* Old Orchard Rd. Armonk, NY 10504	-I.B.M. SA (Pty.) Ltd. Johannesburg  -I.B.M. SA Product Distribution (Pty.) Ltd. Johannesburg	NA	Computers and other Processing Equipment Marketing and Sales "	\$230 million	1,793 NA
INT'L. FLAVORS & FRAGRANCES INC. 521 West 57th St. New York, NY 10019	I.F.F. (SA) (Pty.) Ltd. Roodepoort (Johannesburg) & Durban	NA	Chemicals	\$4.6 million	26
INT'L. HARVESTER CO.* 401 N. Michigan Ave. Chicago, IL 60611	-Int'l. Harvester Co. of South Africa Isando (Johannesburg) -Soilmaster Ltd. Isando (Johannesburg)	NA	Trucks;  Farm Implements	NA	556 NA

<b>U.S. Parent Company</b>	<b>Subsidiary or Affiliate in South Africa with Location</b>	<b>Assets of Parent in South Africa, 1983</b>	<b>Product/Service</b>	<b>Sales of Parent in South Africa, 1983</b>	<b>Number of Employees</b>
INT'L. MINERALS & CHEMICAL CORP.* 2315 Sanders Rd. Northbrook, IL 60062	-Lavino SA (Pty.) Ltd. Edenvale (Johannesburg) -Int'l. Minerals & Chemical SA (Pty.) Ltd. Johannesburg	\$9.8 million	Chrome Ore Chrome Ore	\$9 million NA	234 NA
INT'L. STAPLE & MACHINE P.O. Box 629 Butler, PA 16001	African Commerce Dev. Co. (Pty.) Ltd. Johannesburg	NA	Stapling Machines	NA	NA
I.T.T. CORP.* 320 Park Ave. New York, NY 10022	-Alfred Teves Engineering SA (Pty.) Ltd. Boksburg -Yellow Pages (Pty.)Ltd. Johannesburg	\$10 million	Brakes; Advertising Directories	\$36.9 million	1200 NA
THE INTERPUBLIC GROUP OF COMPANIES INC.* 1271 Ave. of Americas New York, NY 10020	-McCann-Erickson SA (Pty.) Ltd. Johannesburg -Lintas (Pty.) Ltd. Sandton, Windhoek (Namibia) -Campbell-Ewald (Pty.) Ltd. Johannesburg -G. de Williers & Co. SA Ltd. NA -Interpublic SA (Pty.) Ltd. NA	\$16 million	Advertising	\$11 million	260 NA NA NA NA NA
JWT GROUP INC. 466 Lexington Ave. New York, NY 10017	-J. Walter Thompson Co. South Africa Johannesburg and Cape Town -Hamilton Russell South Africa (Pty.) Ltd. Johannesburg	NA	Advertising	NA	111
JOHNSON CONTROLS INC.* P.O. Box 591 Milwaukee, WI 53201	Johnson Controls (Pty.) Ltd. Johannesburg	\$ .93 million	Security and Computer Monitoring Systems	\$4.7 million	121
JOHNSON & JOHNSON CO.* 501 George St. New Brunswick, NJ 08903	-Johnson & Johnson (Pty.) Ltd. East London -Johnson & Johnson Professional Products(Pty.) Ltd. Halfway House -Janssen Pharmaceuticals (Pty.) Ltd. Randburg	\$42 million	Infant and Health Care Products Pharmaceuticals and Surgical Equipment Pharmaceuticals	\$60 million NA NA	1,663
S.C. JOHNSON & SON INC. 1525 Howe St. Racine, WI 53403	S.C. Johnson & Son of South Africa (Pty.) Ltd. Fairland	NA	Home, Auto, and Industrial Care Products	NA	168
JOY MANUFACTURING CO.* 1200 Oliver Bldg. Pittsburgh, PA 15222	Joy Manufacturing Co. Africa (Pty.) Ltd. Johannesburg	\$25 million	Mining Equipment	\$63 million (=)	907
KELLOG CO.* 235 Porter St. Battle Creek, MI 49106	Kellog Co. of SA (Pty.) Ltd. Springs (Johannesburg)	NA	Cereal Products	NA	333

<b>U.S. Parent Company</b>	<b>Subsidiary or Affiliate in South Africa with Location</b>	<b>Assets of Parent in South Africa, 1983</b>	<b>Product/Service Parent in South Africa</b>	<b>Sales of Employees Africa, 1983</b>	<b>Number of Employees Africa, 1983</b>
KENDAVIS INDUSTRIES INT'L. INC. Kendavis Industries Int'l Building Ft. Worth, TX 76101	Unit Rig & Equipment Co. SA (Pty.) Ltd. Edenvale (Johannesburg)	NA	Heavy Off-Highway Trucks	NA	NA
KENNAMETAL INC. P.O. Box 231 Latrobe, PA 15650	Kennametal South Africa NA	NA	Tungsten Carbide	NA	NA
KIMBERLY-CLARK CORP. North Lake St. Neenah, WI 54956	-Carlton Paper Corp. Ltd Bedfordview -K.C. South Africa Holdings (Pty.) Ltd. Johannesburg	\$11 million NA	Paper Products Consumer Products	\$45 million NA	1,804 NA
KOPPERS CO. INC. 1900 Koppers Bldg. Pittsburgh, PA 15219	Sprout-Waldron SA (Pty.) Ltd. Strijdom Park	NA	Grain Processing Equipment	\$750,000 (=)	8
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L & M RADIATOR CO. 1414 East 37th St. Hibbing, MN 55746	L & M Radiator (Pty.) Ltd Rustenburg	NA	Heavy Duty Radiators and Cooling Systems	NA	2
ESTEE LAUDER INC. 767 Fifth Ave. New York, NY 10022	Estee Lauder (Pty.) Ltd. Braamfontein	NA	Cosmetics	NA	100
LECO CORP. 3000 Lakeview Ave. St. Joseph, MI 49085	Leco SA (Pty.) Ltd Edenvale	NA	Analytical Instruments	NA	25
LIBBEY-OWENS-FORD CO. 811 Madison Ave. Toledo, OH 43695	-Aeroquip South Africa (Pty.) Ltd. Johannesburg -Sperry Vickers, Sperry (Pty.) Ltd. Johannesburg	NA	Products for Auto, Aerospace, and Industrial Use NA	NA	NA
ELI LILLY AND CO.* 307 East McCarty St. Indianapolis, IN 46285	-Lilly Laboratories SA SA (Pty.) Ltd. Isando (Johannesburg) -Elizabeth Arden SA (Pty.) Ltd. Parow -Gerjoan Investments (Pty.) Ltd. Parow Cape	NA	Pharmaceuticals Agricultural Inputs Cosmetics Brokers	NA NA NA	240 NA NA
LOCTITE CORP.* 705 N. Mountain Rd. Newington, CT 06111	Loctite (SA) (Pty.) Ltd. Florida	\$2.1 million	Industrial and Consumer Adhesives	\$2.2 million	38
LONGYEAR CO. P.O. Box 1368 Minneapolis, MN 55440	Longyear Africa (Pty.) Ltd. Farramere	NA	Industrial Drills Mineral Exploration	NA	32
THE LUBRIZOL CORP. 29400 Lakeland Blvd. Wickliffe, OH 44092	Lubrizol SA (Pty.) Ltd. Isipingo Beach	\$14 million	Lubricant Additives Storage and Blending	\$16 million	42
LYKES BROS. STEAMSHIP CO. INC. Lykes Center 300 Poydras St New Orleans, LA 70130	Lykes Lines Agency Inc. Durban	None	Shipping Management at East African Ports	None	17

U.S. Parent Company	Subsidiary or Affiliate in South Africa with Location	Assets of Parent in South Africa, 1983	Product/Service	Sales of Parent in South Africa, 1983	Number of Employees in South Africa, 1983
<b>XX</b>					
MACMILLAN INC. 866 Third Ave. New York, NY 10022	Collier-Macmillan SA (Pty.) Ltd. Braamfontein	NA	Publishing	NA	11
MAREMONT CORP. 200 E. Randolph Dr. Chicago, IL 60601	Gabriel SA (Pty.) Ltd. Tokai	NA	Automotive Parts	NA	584
MARRIOTT CORP.* 10400 Fernwood Rd. Bethesda, MD 20058	Marriott In-Flight Services Isando (Johannesburg)	\$ .6 million	Aviation and Industrial Catering	\$11 million	460
MARSH & MCLENNAN COMPANIES INC.* 1221 Ave. of Americas New York, NY 10020	Bowring Barclays & Associates SA Ltd. Marshalltown	NA	Insurance Brokers	NA	1,050
MARTIN MARIETTA CORP.* 6801 Rockledge Dr. Bethesda, MD 20817	Embecon (SA) (Pty.) Ltd. Marshalltown	NA	Construction Materials	NA	90
MCLEAN INDUSTRIES 660 Madison Ave. New York, NY 10021	Moore McCormack SA (Pty.) Ltd. Johannesburg	NA	Shipping Line	NA	21
MCGRAW-HILL INC.* 1221 Ave. of Americas New York, NY 10020	McGraw-Hill Book Co. South Africa (Pty.) Ltd. Isando	\$3.2 million	Textbooks	\$3 million	42
MEASUREX CORP. One Results Way Cupertino, CA 95014	Measurex (SA) (Pty.) Ltd. Dalbridge	NA	Computer Process Control Systems	NA	NA
MEDTRONIC INC. P.O. Box 1453 Minneapolis, MN 55440	Medtronic (Africa) (Pty.) Ltd. Bedfordview (Johannesburg)	NA	Medical Devices	NA	NA
MERCK & CO. INC.* P.O. Box 2000 Rahway, NJ 07065	-MSD (Pty.) Ltd. Halfway House -Baltimore Aircoil Co. SA (Pty.) Ltd. Cape Town -Floccotan (Pty.) Ltd. Pietermaritzburg -Merck Sharp & Dohme (Pty.) Ltd. NA	\$23 million	Pharmaceuticals Health Care Products Cooling Equipment	\$39 million	443
METALLURG INC. 25 East 39th St. New York, NY 10016	Metallurg SA (Pty.) Ltd. Marshalltown	NA	Metallurgical Alloys Sales	NA	17
MIDLAND-ROSS CORP.* 20600 Chagrin Blvd. Cleveland, OH 44122	Electro-Nite (Pty.) Ltd. Transvaal	\$ 3 million	Sensors	\$ 3.7 million	53
MILLIPORE CORP.* P.O. Box F Bedford, MA 01730	Millipore South Africa Bramley (Johannesburg)	NA	Filters	NA	NA
MINE SAFETY APPLIANCES CO.* 600 Penn Center Blvd. Pittsburgh, PA 15235	MSA (Africa) (Pty.) Ltd. NA	NA	Air Filtration, Instrumentation, Fire Protection, and Safety Equipment	NA	496
MINNESOTA MINING & MANUFACTURE CO.* 3M Center St. Paul, MN 55101	-3M SA (Pty.) Ltd. Johannesburg -Riker Labs. Africa (Pty.) Ltd. Johannesburg	\$26 million	Adhesives, Abrasives and Audio Tape; NA	\$ 73 million	1,590

	Subsidiary or Affiliate in South Africa with Location	Assets of Parent in South Africa, 1983	Product/Service	Sales of Parent in South Africa, 1983	Number of Employees in South Africa, 1983
MOBIL CORP.* 150 East 42nd St. New York, NY 10017	-Mobil Oil Southern Africa (Pty.) Ltd. Cape Town -Mobil Oil Refining Co. SA (Pty.) Ltd. Durban -South African Oil Refining Co. (Pty.) Ltd. NA -Condor Oil (Pty.) Ltd. NA -Vialet (Pty.) Ltd. NA -Westchester Insurance Co. (Pty.) Ltd. NA -Socony (Pty.) Ltd. NA	\$400 million	Petroleum Products; Import and Refining of Crude Oil; Lubricants;	NA	3,342
MOHAWK DATA SCIENCES CORP. 7 Century Drive Parsippany, NJ 07054	Mohawk Data Sciences SA (Pty.) Ltd. Sandton (Johannesburg)	NA	Computers	NA	92
MONSANTO CO.* 800 N. Lindbergh Blvd. St. Louis, MO 63166	-Monsanto SA (Pty.) Ltd. Sandton (Johannesburg) -Control Specialists (Pty.) Ltd. Johannesburg	\$2 million	Industrial Chemicals Process Control Valves	\$2.5 million	125
MOTOROLA INC.* 1303 East Algonquin Rd. Schaumburg, IL 60196	Motorola SA (Pty.) Ltd. Bramley (Johannesburg)	NA	Semiconductors, Data and Commu- nication Systems	NA	250
NCNB CORP.* One NCNB Plaza Charlotte, NC 28255	NCNB National Bank of North Carolina Johannesburg	NA	Banking	NA	2
NCR CORP.* 1700 S. Patterson Blvd. Dayton, OH 45479	NCR Corp. of SA (Pty.) Ltd. Johannesburg	\$40 million	Computer and Data Processing Equipment	\$50 million	584
NABISCO BRANDS INC.* Nabisco Brands Plaza Parsippany, NJ 07045	Royal Beech-Nut (Pty.) Ltd. Chloorkop (Johannesburg) & Dundee	NA	Candies, Roasted Peanuts	NA	983
NALCO CHEMICAL CO.* 2901 Butterfield Rd. Oak Brook, IL 60521	Anikem (Pty.) Ltd. Johannesburg	NA	Water Treatment Chemicals	NA	199
NATIONAL EDUCATION CORP.* 4361 Birch St. Newport Beach, CA 92660	ICS (Overseas) Ltd. Cape Town	NA	Correspondence Courses	NA	495
NATIONAL-STANDARD CO. 1618 Terminal Rd. Niles, MI 49120	National Standard Co. SA (Pty.) Ltd. Uitenhage	NA	Tire and Cycle Beadwire	NA	149
NATIONAL STARCH & CHEMICAL CORP. 10 Finderne Ave. Bridgewater, NJ 08807	Tic National (Pty.) Ltd. Benoni (Johannesburg) Benoni (Johannesburg)	NA	Industrial Adhesive	NA	70

U.S. Parent Company	Subsidiary or Affiliate in South Africa with Location	Assets of Parent in South Africa, 1983	Product/Service	Sales of Parent in South Africa, 1983	Number of Employees
NATIONAL UTILITY SERVICE INC. 301 East 57th St. New York, NY 10022	N.U.S. South Africa (Pty.) Ltd. Marshalltown	NA	Int'l. Fuel and Energy Cost Analysis	NA	40
NEWMONT MINING CORP. 200 Park Ave. New York, NY 10166	-O'okiep Copper Co. Nababeip -Tsumeb Corp. Tsumeb, Namibia -Palabora Mining Transvaal Province -Highveld Steel & Vanadium NA	\$86 million	Copper Mining Copper, Lead and Silver Mining Copper Mining Iron, Steel and Vanadium	\$640 million	17,298
NORTON CO.* 1 New Bond St. Worcester, MA 01606	-Norton Co.(Pty.) Ltd. Isando -Norton Abrasives (Pty.) Ltd. Isando -Lasher Tools (Pty.) Ltd. Germiston -Republic Buff Manufacturers Isando -Blane & Co. (Pty.) Ltd. Isando	\$26 million	Holding Co. Abrasives Hand Tools Buffs and Polishing Media; Mining Ore and Engineering	\$38 million	1,342
OGILVY & MATHER INT'L. INC.* E. 48th St. New York, NY 10017	-Van Zijl & Schultze, Lund & Tredoux (Pty.) Ltd. Sandton -Ogilvy & Mather Direct South Africa (Pty.) Ltd. Johannesburg	NA	Advertising	\$4,800,000 (=)	166
OLIN CORP.* 120 Long Ridge Rd. Stamford, CT 06904	-Olin (Pty.) Ltd. Johannesburg -Ramset Fasteners (Africa) (Pty.) Ltd. Johannesburg -Aquachlor (Pty.) Ltd. NA -undisclosed NA	NA	Chemical Products Fastening Systems Inactive Water Purification Chemicals	\$10,801,000 (=)	90
OWENS-ILLINOIS, INC. One Sea Gate Toledo, OH 43666	Consol Ltd. Johannesburg	NA	Containers	NA	NA
S. Joint venture with Sentrachem Ltd.					
PAN AMERICAN WORLD AIRWAYS INC.* Pan Am Building New York, NY 10017	Pan American World Airways SA (Pty.) Ltd. Johannesburg	NA	Airline Sales Office	\$10 million	NA
PARKER HANNIFIN CORP. 17325 Euclid Ave. Cleveland, OH 44112	Parker Hannifin (Africa) (Pty.) Ltd. Kempton Park	\$2.4 million	Fluid Power Systems	\$4.6 million	59
THE PARKER PEN CO.* One Parker Place Janesville, WI 53545	The Parker Pen Co. (Pty.) Ltd. East London	\$3 million	Stationery Supplies	\$6.4 million	102



U.S. Parent Company	Subsidiary or Affiliate in South Africa with Location	Assets of Parent in South Africa, 1983	Product/Service	Sales of Parent in South Africa, 1983	Number of Employees
R.J. REYNOLDS INDUSTRIES INC.* RJR World Headquarters Building Winston-Salem, NC 27102	-Kentucky Fried Chicken (SA) (Pty.) Ltd. Craighall -SA Preserving (Pty.) Ltd. Cape Town -Rooihoopte Suid Farm (Pty.) Ltd. Roggebaai -Safranmark (Pty.) Ltd. Randburg	NA	Fast Foods	NA	1,804
THE REYNOLDS & REYNOLDS CO. 800 Germantown St. Dayton, OH 45407	Reynolds & Reynolds South Africa Ltd. Sandton	NA	Business Systems	NA	NA
RICHARDSON-VICKS INC.* Ten Westport Rd. Wilton, CT 06897	Richardson-Vicks (Pty.) Ltd. Kempton Park	NA	Health and Personal Care Products	NA	278
THE ROBBINS CO. P.O. Box C-8027 Kent, WA 98301	Robbins Co. (Africa) (Pty.) Ltd. Roodepoort (Johannesburg)	NA	Mining & Tunneling Machines	NA	100
H.H. ROBERTSON CO. Two Gateway Center Pittsburgh, PA 15222	H.H. Robertson (Africa) (Pty.) Ltd. Johannesburg	NA	Steel Building Material Suppliers	NA	NA
A.H. ROBINS CO. INC.* 1407 Cummings Drive Richmond, VA 23220	A.H. Robins Co. SA (Pty.) Ltd. Parkview	\$ .44 million	Pharmaceuticals	\$ .93 million	1
ROHM & HAAS CO.* Independence Mall West Philadelphia, PA 19105	-Rohm & Haas SA (Pty.) Ltd. New Germany -Curachem Natal	\$10 million NA	Specialty and Industrial Chemicals	\$20 million NA	100 NA
SPS TECHNOLOGIES INC. P.O. Box 1000 Newtown, PA 18940	Unbrako (Pty.) Ltd. Johannesburg	NA	Socket Fasteners	NA	17
SALSBURY LABORATORIES INC. 2000 Rockford Rd. Charles City, IA 50616	Salsbury Veterinary SA (Pty.) Ltd. Kempton Park	NA	Biological, Chemical, Pharmaceutical and Agricultural Products	NA	55
SCHENECTADY CHEMICALS INC. P.O. Box 1046 Schenectady, NY 12301	Schenectady Chem SA (Pty.) Ltd. Mobeni	NA	NA	\$3 million	35
SCHERING-PLOUGH CORP.* Galloping Hill Rd. Kenilworth, NJ 07033	-Scherag (Pty.) Ltd. Isando (Johannesburg) -Scholl-Plough (Pty.) Ltd. Isando -Med-Nim (Pty.) Ltd. NA -Rimmel Cosmetics (Pty.) Ltd. NA	NA	Cosmetics, Toiletries; Pharmaceuticals	NA	285 NA NA
SCHLUMBERGER LTD. 277 Park Ave. New York, NY 10017	Sedco Fourex Dallas	NA	Offshore Drilling	NA	NA

<b>U.S. Parent Company</b>	<b>Subsidiary or Affiliate in South Africa with Location</b>	<b>Assets of Parent in South Africa, 1983</b>	<b>Product/Service</b>	<b>Sales of Parent in South Africa, 1983</b>	<b>Number of Employees</b>
SCOVILL INC. P.O. Box 1820 Waterbury, CT 06722	-Schrader Scovill of SA (Pty.) Ltd. East London -Schrader Bellows SA (Pty.) Ltd. Johannesburg -Schrader Tyre Valve Co. of South Africa (Pty.) Ltd. East London	\$3.1 million	Automotive Products	NA	130
SEALED AIR CORP. Park 80 Plaza East Saddlebrook, NJ 07662	Bubble Packaging (Pty.) Ltd.	NA	Packaging	NA	NA
G.D. SEARLE & CO. P.O. Box 1045 Skokie, IL 60076	-G.D. Searle (SA) (Pty.) Ltd. Bramley (Johannesburg) -Searle Laboratories(Pty.) Ltd. NA	NA	Pharmaceuticals	NA	70
THE SENTRY CORP. 1800 N. Point Drive Stevens Point, WI 54481	Sentry Assurance of SA Ltd. NA	\$17 million	Insurance	\$8.8 million	509
SIGMAFORM CORP. 2401 Walsh Ave. Santa Clara, CA 95051	Sigmaform South Africa (Pty.) Ltd. Randburg	NA	NA	NA	NA
SIMPLICITY PATTERN CO. INC.* 200 Madison Ave. New York, NY 10016	-Simplicity Patterns SA (Pty.) Ltd. Johannesburg -Style Patterns (Pty.) Ltd. Johannesburg	\$1.1 million	Paper Dress Patterns	\$1.5 million	28
THE SINGER CO.* P.O. Box 10151 Stamford, CT 06904	Singer SA (Pty.) Ltd. Booysens (Johannesburg)	NA	Sewing Machines	NA	100
SKOK SYSTEMS INC.* 222 3rd St. Cambridge, MA 02142	Skok SA NA	NA	Computer Aided Design Software	NA	NA
SMITH INT'L. INC. 4343 Von Karman Ave. P.O. Box 1860 Newport Beach, CA 92660	SII Mining Equipment Companies (Africa) Ltd. Kempton Park	\$3.5 million	Mining Equipment	\$2.9 million	34
SMITHKLINE BECKMAN CORP.* One Franklin Plaza Philadelphia, PA 19101	-Smith Kline & French (Pty.) Ltd. Isando -Beckman Instruments (Pty.) Ltd. Cape Town	\$12 million	Pharmaceuticals	\$23 million	267
SPERRY CORP.* 1290 Ave. of Americas New York, NY 10104	Sperry (Pty.) Ltd., Computer Systems Johannesburg	\$33 million	Computers and Data Processing Equipment	\$32 million	219
SQUARE D CO. Executive Plaza Palatine, IL 60067	-Square D South Africa Johannesburg -Square D Electrical Products (Pty.) Ltd. NA	NA	Motor Control Equipment NA	NA	NA
SQUIBB CORP.* P.O. Box 4000 Princeton, NJ 08540	Squibb Labs. (Pty.) Ltd. Isando	NA	Pharmaceuticals	NA	189
W.R. STAMLER CORP. P.O. Box 307 Millersburg, KY 40348	Stamler South Africa (Pty.) Ltd. Alrode (Johannesburg)	NA	Mining Machinery Sales & Service	NA	8

<b>U.S. Parent Company</b>	<b>Subsidiary or Affiliate in South Africa with Location</b>	<b>Assets of Parent in South Africa, 1983</b>	<b>Product/Service</b>	<b>Sales of Parent in South Africa, 1983</b>	<b>Number of Employees</b>
STANDARD OIL CO. (OHIO)* Midland Building Cleveland, OH 44115	-Carborundum-Universal SA (Pty.) Ltd. Port Elizabeth -Richards Bay Minerals Richards Bay	\$10 million	Abrasives	\$24 million	2,282
THE STANLEY WORKS 195 Lake St. New Britain, CT 06050	Stanley Tools SA (Pty.) Ltd. Maraisburg	\$1.3 million	Tools	\$3.4 million	35
STAUFFER CHEMICAL CO. Nyalaa Farm Road Westport, CT 06881	Stauffer Chemical SA (Pty.) Ltd. Sandton (Johannesburg)	\$2.3 million	Pesticides and Herbicides	\$6 million	38
STEINER CORP. 505 E. South Temple St. Salt Lake City, UT 84102	-Steiner Linen Services (Pty.) Ltd. Johannesburg -Steiner Services (Pty.) Ltd. 7 Locations	NA	Linen Supply	NA	NA
STERLING DRUG INC.* 90 Park Ave. New York, NY 10016	Sterling Drug (SA) (Pty.) Ltd. Durban	NA	Pharmaceuticals	NA	401
L.S. STERRET 121 Crescent St. Athol, MA 01331	Sterret NA	NA	Tooling Machinery	NA	3
SULLAIR CORP. 3700 E. Michigan Blvd. Michigan City, IN 46360	Sullair (Pty.) Ltd. Benoni	NA	Air Compressors	\$3 million (=)	NA
SUN CHEMICAL CORP. 200 Park Ave. New York, NY 10166	Sun General Printing Ink (Pty.) Ltd. Cape Town	NA	Printing Inks	NA	NA
SYBROWN CORP. 1100 Midtown Tower Rochester, NY 14604	-Sybron Chemicals SA (Pty.) Ltd. Pinetown -Gamlen SA (Pty.) Ltd. NA -Tanatex SA (Pty.) Ltd. NA	\$4.7 million	Specialty Chemicals	\$5.5 million	30
TAMBRANDS INC.* 10 Delaware Dr. Lake Success, NY 11042	Tambrands South Africa (Pty.) Ltd. Brakpan	NA	Tampons	NA	52
TENNECO INC.* Tenneco Bldg. P.O. Box 2511 Houston, TX 77002	-J.I. Case SA (Pty) Ltd. Isando -SA Paper Chemicals (Pty.) Ltd. Parklands -David Brown Tractors South Africa (Pty.) Ltd. Isando -Tenneco South Africa Inc. NA	NA	Construction and Agricultural Equipment Paper Size and Chemicals Farm Equipment	NA NA NA	260
TEXACO INC. 2000 West Chester Ave. White Plains, NY 10650	See Caltex Petroleum Co.				
THE TIMKEN CO. 1835 Dueber Ave., S.W. Canton, OH 44706	Timken SA (Pty.) Ltd. Benoni	NA	Tapered Roller Bearings	NA	251

U.S. Parent Company	Subsidiary or Affiliate in South Africa with Location	Assets of Parent in South Africa, 1983	Product/Service	Sales of Parent in South Africa	Number of Employees
TITANIUM INDUSTRIES 110 Lehigh Dr. Fairfield, NJ 07006	Titanium Industries SA (Pty.) Ltd. Alberton (Johannesburg)	NA	Titanium Fabrication	NA	4
TOKHEIM CORP. P.O. Box 360 Fort Wayne, IN 46801	-Tokheim SA (Pty.) Ltd. Wendywood (Johannesburg) -Tokheim Service Co. Durban	NA	Gas Dispensing Equipment; "	NA	54
THE TRANE CO.* 3600 Pammel Creek Rd. LaCrosse, WI 54601	Trane Southern Africa (Pty.) Ltd. Booysens	NA	Air Conditioning, Heating & Ventilation	NA	62
TRANS WORLD CORP.* 605 Third Ave. New York, NY 10158	Trans World Airlines Inc. Johannesburg	NA	Airline Sales Office	NA	4
TWENTIETH CENTURY-FOX FILM CORP. P.O. Box 900 Beverly Hills, CA 90213	Twentieth Century-Fox Films SA (Pty.) Ltd. Johannesburg	NA	Motion Picture Distributors	NA	3
TWIN DISK INC. 1328 Racine St. Racine, WI 53403	Twin Disk SA (Pty.) Ltd. Gardenview	NA	Power Transmission Equipment	NA	8
UAL INC.* P.O. Box 66919 Chicago, IL 60666	-The Carlton Johannesburg	NA	Hotel	NA	940
UNION CARBIDE CORP.* Old Ridgebury Rd. Danbury, CT 06817	-Union Carbide SA (Pty.) Ltd. Johannesburg -Ucar Minerals Corp. Bophuthatswana -Ucar Chrome SA (Pty.) Ltd. Lebowa -Elektrode Maatskappy Van Suid-Afrika (Edms) Beperk Meyerton -Tubaste Ferrochrome (Pty.) Ltd. Steelport	NA	Produce Sales Vanadium Mining & Processing Inactive Graphite Electrodes;	NA	1,726
UNIROYAL INC. World Headquarters Middlebury, CT 06749	-Orchem (Pty.) Ltd. Johannesburg -Uniroyal (Pty.) Ltd. Johannesburg -Uniroyal Chemical Johannesburg	\$15 million	Rubber Chemicals Rubber "	NA	NA
UNITED STATES GYPSUM CO. 101 S. Wacker Dr. Chicago, IL 60606	Masonite (Africa) Ltd. Durban	\$16 million	Hardboard and Forestry Products	\$29 million	2,631

U.S. Parent Company	Subsidiary or Affiliate in South Africa with Location	Assets of Parent in South Africa, 1983	Product/Service	Sales of Parent in South Africa, 1983	Number of Employees
UNITED STATES STEEL CORP. 600 Grant St. Pittsburgh, PA 15230	-Prieska Copper Mines (Pty.) Ltd. Northwestern Cape Province -The Associated Manganese Mines of SA Ltd. Northwestern Cape Province -Feralloys Ltd. Cato Ridge -The Associated Ore & Metal Corp. Ltd. NA -Zeerust Chrome Mines Ltd. District Marico, Transvaal -Oresteel Investments NA	\$99 million \$140 million \$118 million	Copper and Zinc Mining; Iron and Manganese Mining; Ferromanganese Furnaces Holding Company	-\$71 million	NA
UNITED TECHNOLOGIES CORP.* United Technologies Building Hartford, CT 06101	-Otis Elevator Co. Ltd. Johannesburg -Airco Engineering (Pty) Ltd. Bergvlei	\$21 million	Elevators and Escalators; Air Conditioning and Refrigeration Equipment;	\$46 million	1,253
UPJOHN CO.* 7000 Portage Rd. Kalamazoo, MI 49001	-Upjohn (Pty.) Ltd. Isando -Asgrow SA (Pty.) Ltd. Pretoria	NA	Pharmaceuticals; Plant Breeding and Agricultural Products	NA	208
VF CORP. 1047 N. Park Rd. Reading, PA 19610	-Berkshire Int'l. SA Ltd. East London -H.D. Lee Co. (SA) (Pty.) Ltd. NA	NA	Ladies Hosiery & Knitwear NA	NA	960
VAN DUSEN AIR INC. 2626 East 62nd St. Minneapolis, MN 55420	Van Dusen Aircraft Supplies Co. SA (Pty.) Inc. Germiston (Johannesburg)	NA	Aircraft Parts & Supplies	NA	5
WARNER COMMUNICATIONS* 75 Rockefeller Plaza New York, NY 10019	-CIC-Warner (Pty.) Ltd. Johannesburg -WEA Records (Pty.) Ltd. NA -Warner Brothers Music South Africa (Pty.) Ltd. Johannesburg -Warner Brothers Africa (Pty.) Ltd. Johannesburg	\$18 million	Film Distributors Records; Music Publishing NA	NA	166
WARNER ELECTRIC BRAKE & CLUTCH CO. 499 Gardener St. So. Beloit, IL 61080	Warner Electric SA (Pty.) Ltd. Malvern (Johannesburg)	\$.1 million	Electromagnetic Brakes and Clutches	\$.6 million	4
WARNER-LAMBERT CO.* 201 Tabor Rd. Morris Plains, NJ 07950	-Chamberlains (Pty.) Ltd. Cape Town -Optolabor (Pty.) Ltd. Randburg -Warner-Lambert SA (Pty.) Ltd. NA	NA	Pharmaceuticals Fiber Optic Products	NA	515
WEAN UNITED INC. 948 Fort Duquesne Blvd. Pittsburgh, PA 15222	Wean United (Africa) (Pty.) Ltd. Braamfontein	NA	Steel Rolling Mills	NA	1

<b>U.S. Parent Company</b>	<b>Subsidiary or Affiliate in South Africa with Location</b>	<b>Assets of Parent in South Africa, 1983</b>	<b>Product/Service</b>	<b>Sales of Parent in South Africa, 1983</b>	<b>Number of Employees in South Africa, 1983</b>
WEST POINT-PEPPERELL INC. P.O. Box 71 West Point, Ga 31833	Lantor Nonwovens SA (Pty.) Ltd. Pinetown	\$1.2 million	Non-woven Materials and Fabrics	\$2.1 million	92
WESTINGHOUSE ELECTRIC CORP.* Gateway Center Westinghouse Building Pittsburgh, PA 15222	-Westinghouse Electric SA Braamfontein -Ottermill Switchgear SA (Pty.) Ltd. Braamfontein	NA	NA	NA	11
WILBUR-ELLIS CO.* 320 California St. San Francisco, CA 94104	Wilbur-Ellis Co. (Pty.) Ltd. Cape Town	\$1.5 million	Marketing	\$11 million	70
JOHN WILEY & SONS INC. 605 Third Ave. New York, NY 10016	-John Wiley & Sons, Inc. NA -Wilson Learning SA (Pty.) Ltd. Sandton	NA	Sales Office	NA	14
WYNN'S INT'L. INC. P.O. Box 4370 Fullerton, CA 92634	Wynn Oil (SA) (Pty.) Edenvale	NA	NA	NA	NA
<hr/>					
XEROX CORP.* P.O. Box 1600 Stamford, CT 06904	Rank Xerox (Pty.) Ltd. Johannesburg	\$42 million	Photocopying Equipment	\$68 million	770

the last four years. Africa's economic growth has been slow, despite some recent gains. Inflation has been high, averaging 19 percent annually over the last four years. South Africa's economy is heavily dependent upon its mineral exports. These minerals include coal, gold, diamonds, and platinum. The country's industrial base is relatively small, with most of its industrial output coming from foreign-owned companies. The agricultural sector is also relatively small, with most of the land being owned by white farmers.

South Africa's political system is based on racial segregation, known as apartheid. This system has been in place since 1948, when the National Party came to power. It has been justified by the government as a way to protect the white minority from the black majority. However, it has been widely condemned as a violation of human rights. The international community has imposed various sanctions against South Africa, including economic and diplomatic ones. These sanctions have been effective in pressuring the government to change its policies. In 1994, Nelson Mandela became the first black president of South Africa, marking the beginning of a new era of political and social change.

# INVESTING IN APARTHEID

## A GUIDE TO U.S. CORPORATIONS IN SOUTH AFRICA

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<i>South Africa's Multinational Connections</i> (Multinational Monitor 4/82) 4 pp.	50¢ each \$25.00/100
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and they are free of reviewing decisions on policy

independent of government.

A prominent example of this is the 200 miles for 100  
rule under the Nuclear Non-Proliferation Treaty which  
limits the number of nuclear weapons to 6,000.  
South Africa's commitment to non-proliferation  
is a good example of how countries can put the investment  
of military funds to a more effective application with

success in South Africa. The government leaders, the  
central community leaders, and many others in the  
country have joined together to work towards  
reconciliation that uplifts the people. This is  
done through the work of the Truth and Reconcili-  
ation Commission, which has been established  
to bring about reconciliation and the development  
of strong, sustainable governing institutions.

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#### **American Friends Service Committee National Office, 1501 Cherry Street, Philadelphia PA 19102**

Founded in 1917, the American Friends Service Committee is an independent Quaker organization that seeks to put into practice the beliefs of the Religious Society of Friends by working for disarmament, justice, reconciliation and development in the United States and around the world.

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