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UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13A-16 OR 15D-16
UNDER THE SECURITIES EXCHANGE ACT OF 1934

Date of Report: April 1, 2005

CEMEX, S.A. de C.V.

(Exact name of Registrant as specified in its charter)

CEMEX Corp.

(Translation of Registrant's name into English)

United Mexican States

(Jurisdiction of incorporation or organization)

Av. Ricardo Margain Zozaya #325, Colonia del Valle
Campestre
Garza Garcia, Nuevo Leon, Mexico 66265

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports
under cover Form 20-F or Form 40-F.

Form 20-F X Form 40-F

Indicate by check mark whether the registrant by furnishing the information
contained in this Form is also thereby furnishing the information to the
Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of
1934.

Yes No X

If "Yes" is marked, indicate below the file number assigned to the registrant
in connection with Rule 12g3-2(b):

N/A

CONTENTS

- 1. Press release issued by CEMEX, S.A. de C.V., dated March 31, 2005,
announcing that it has completed the sale of certain U.S. assets to
Votorantim Participacoes S.A. (attached hereto as exhibit 1).

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934,
CEMEX, S.A. de C.V. has duly caused this report to be signed on its behalf by
the undersigned, thereunto duly authorized.

CEMEX, S.A. de C.V.

(Registrant)

Date: March 31, 2005

By: /s/ Rafael Garza

Name: Rafael Garza
Title: Chief Comptroller

EXHIBIT INDEX

EXHIBIT NO. -----	DESCRIPTION -----
1	Press release issued by CEMEX, S.A. de C.V., dated March 31, 2005, announcing that it has completed the sale of certain U.S. assets to Votorantim Participacoes S.A.

EXHIBIT 1

MEDIA RELATIONS JORGE PEREZ (52 81) 8888-4334	INVESTOR RELATIONS ABRAHAM RODRIGUEZ (52 81) 8888-4262	ANALYST RELATIONS RICARDO SALES (212) 317-6008
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CEMEX
Building the future TM
[LOGO GRAPHIC OMITTED]

CEMEX COMPLETES SALE OF U.S. ASSETS

MONTERREY, MEXICO, March 31, 2005 - CEMEX, S.A. de C.V. (NYSE: CX) announced today that it has completed the sale of certain CEMEX assets in the Great Lakes region of the U.S. to Votorantim Participacoes S.A.

Votorantim acquires the Charlevoix and Dixon-Marquette cement plants, and certain distribution terminals located in the Great Lakes Region.

CEMEX began evaluating alternatives to divest these assets in 2004, after reviewing its strategic position in the U.S. The transaction was structured as a sale of assets. CEMEX will keep its distribution terminal located in Detroit. The value of the transaction is approximately U.S. \$ 389.5 million.

Total production capacity of both cement plants is close to 2 million metric tons a year, which has represented approximately nine percent of the current operating cash flow generation of CEMEX's U.S. business prior to the RMC acquisition.

CEMEX is a growing global building solutions company that provides products of consistently high quality and reliable service to customers and communities in more than 50 countries throughout the world. The company improves the well-being of those it serves through its relentless focus on continuous improvement and efforts to promote a sustainable future. For more information about the company, visit www.cemex.com.

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This press release contains forward-looking statements and information that are necessarily subject to risks, uncertainties and assumptions. CEMEX assumes no obligation to update or correct the information contained in this press release.