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UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
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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: October 26, 2004

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

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Contents

1. Press release issued by CEMEX, S.A. de C.V. ("CEMEX"), dated October 25, 2004, announcing that RMC Group p.l.c. ("RMC") posted to its shareholders the scheme of arrangement document relating to the recommended acquisition of RMC by CEMEX UK Limited, a wholly-owned subsidiary of CEMEX (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: October 26, 2004

By: /s/ Ramiro Villarreal

Name: Ramiro Villarreal
Title: General Counsel

EXHIBIT INDEX

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DESCRIPTION

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RMC Group p.l.c. and CEMEX, S.A. de C.V.

25 October 2004

NOT FOR RELEASE, PUBLICATION OR DISTRIBUTION IN, INTO OR FROM
AUSTRALIA, CANADA OR JAPAN

FOR IMMEDIATE RELEASE

RMC GROUP p.l.c.

RECOMMENDED ACQUISITION BY CEMEX UK LIMITED, A SUBSIDIARY OF
CEMEX, S.A. de C.V.

POSTING OF SCHEME DOCUMENT

RMC and CEMEX announce that RMC has today posted to Shareholders the Scheme Document relating to the recommended acquisition by CEMEX UK of RMC.

The Acquisition is being implemented by way of a scheme of arrangement under section 425 of the Companies Act 1985. The Court Meeting and the Extraordinary General Meeting of RMC Shareholders to approve the Scheme will be held on 17 November 2004. Subject to the receipt of regulatory clearances, it is expected that the Scheme will become effective on 12 January 2005.

Terms defined in the recommended acquisition announcement issued by RMC and CEMEX dated 27 September 2004 have the same meaning in this announcement.

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The directors of RMC accept responsibility for the information contained in this announcement and confirm that, to the best of their knowledge and belief (having taken all reasonable care to ensure that such is the case), the information contained in this announcement is in accordance with the facts and does not omit anything likely to affect the import of such information.

The directors of CEMEX UK and the directors of CEMEX accept responsibility for the information contained in this announcement relating to CEMEX UK and CEMEX. To the best of the knowledge and belief of the directors of CEMEX UK and the directors of CEMEX (who have taken all reasonable care to ensure that such is the case), the information contained in this announcement for which they are responsible is in accordance with the facts and does not omit anything likely to affect the import of such information.

Cazenove, which is regulated by the Financial Services Authority, is acting as financial adviser and corporate broker to RMC in connection with the Acquisition and no one else and will not be responsible to anyone other than RMC for providing the protections afforded to customers of Cazenove or for providing advice in relation to the Acquisition, or the contents of this announcement.

JPMorgan, which is regulated by the Financial Services Authority, is acting as financial adviser to RMC in connection with the Acquisition and no one else and will not be responsible to anyone other than RMC for providing the protections afforded to customers of JPMorgan or for providing advice in relation to the Acquisition, or the contents of this announcement.

Hoare Govett, which is regulated by the Financial Services Authority, is acting as corporate broker to RMC in connection with the Acquisition and no one else and will not be responsible to anyone other than RMC for providing the protections afforded to customers of Hoare Govett or for providing advice in relation to the Acquisition, or the contents of this announcement.

Citigroup and Goldman Sachs International, which are regulated by the Financial Services Authority, are acting as financial advisers and corporate brokers to CEMEX and CEMEX UK in connection with the Acquisition and no one else and will not be responsible to anyone other than CEMEX and CEMEX UK for providing the protections afforded to their respective customers or for providing advice in relation to the Acquisition, or the contents of this announcement.