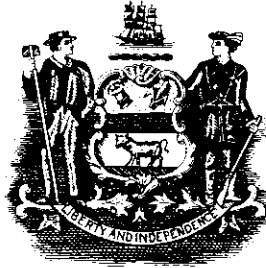


State of Delaware



Office of Secretary of State.

I, Elisha C. Dukes, Secretary of State of the State of Delaware,
do hereby certify that the above and foregoing is a true and correct copy of
Certificate of Amendment of the "THIOKOL CHEMICAL CORPORATION", as
received and filed in this office the twenty-seventh day of April,
A.D. 1967, at 10 o'clock A.M.

In Testimony Whereof, I have hereunto set my hand
and official seal at Dover this twenty-seventh day
of April in the year of our Lord
one thousand nine hundred and sixty-seven.

Elisha C. Dukes

Secretary of State

Asst Secretary of State

CERTIFICATE OF AMENDMENT

-of-

CERTIFICATE OF INCORPORATION

-of-

THIOKOL CHEMICAL CORPORATION

Adopted in Accordance with
the Provisions of Section 242,
Title 8 of the Delaware Code of 1953

The undersigned H. W. RITCHEY and A. P. ROEPER,
President and Secretary respectively of THIOKOL CHEMICAL CORPORATION, a corporation organized and existing under the laws of the State of Delaware, do hereby certify under the seal of said Corporation that as a result of action duly taken at the Annual Meeting of Stockholders of said Corporation held at the Executive Offices of the Corporation in Bristol, Pennsylvania on April 25, 1967, the Certificate of Incorporation of the Corporation is amended as hereinafter set forth.

The Certificate of Incorporation of said Corporation is amended by striking out Article 4 thereof in its entirety and inserting in place thereof a new Article 4 reading as follows:

"4. The total number of shares which the Corporation may issue is nine million (9,000,000) shares, of which eight million (8,000,000) shares shall be Common Stock of the par value of One Dollar (\$1) per share and one million (1,000,000) shares shall be Preferred Stock of the par value of Twenty-five Dollars (\$25) per share. The minimum amount of capital with which the Corporation

shall commence business is One Thousand Dollars (\$1,000).

(a) The authorized shares of Common Stock having a par value of \$1 per share may be issued and disposed of by the Corporation pursuant to resolutions of the Board of Directors of the Corporation from time to time to such persons, firms or corporations and for such consideration, not less than the par value thereof, as the said Board may from time to time determine, and upon such other terms and conditions as may be deemed advisable by the Board of Directors in the exercise of its discretion, subject, however, to such preemptive rights as are granted by law to stockholders, and subject to the provisions of Paragraph (b) of this Article 4.

(b) (1) The authorized shares of Preferred Stock having a par value of \$25 per share may be issued from time to time in one or more series, with such redemption rights, dividend rights, rights on dissolution or distribution of assets, conversion or exchange rights, voting powers, designations, preferences and relative, participating, optional or other special rights, if any, and qualifications, limitations or restrictions thereof, as shall be stated and expressed in the resolution or resolutions providing for the issue of such stock, or series thereof, adopted at any time or from time to time by the Board of Directors of the Corporation provided, however, that the holders of shares of Preferred Stock shall have

no right to participate with the holders of Common Stock in any distribution of dividends in excess of the preferential dividend fixed for such Preferred Stock or in the assets of the Corporation available for distribution to stockholders in excess of the preferential amount fixed for such Preferred Stock.

(11) No holder of Preferred Stock of the Corporation shall have any preemptive or preferential right of subscription to any shares of any stock of the Corporation of any class, now or hereafter authorized, or to any obligations convertible into stock of the Corporation, issued or sold, nor any right of subscription to any thereof other than such, if any, as the Board of Directors of the Corporation in its discretion from time to time may determine, and at such price as the Board of Directors from time to time may fix, pursuant to the authority hereby conferred by this Certificate of Incorporation, and the Board of Directors may issue stock of the Corporation, or obligations convertible into stock, without offering such issue of stock or such obligations, either in whole or in part, to the holders of Preferred Stock of the Corporation.

(111) Except as may be provided for by law, the voting rights, if any, of each series of Preferred Stock shall be fixed in accordance with Sub-paragraph (1) of this Paragraph (b), provided that no holder of shares of Preferred Stock shall be entitled to more than one vote in respect of each share of such stock held by him on any matter voted on by such stockholders.

(c) Any and all of such Common Stock or Preferred Stock so issued, the full consideration for which has been paid or delivered, shall be deemed full-paid stock and not liable to any further call or assessment thereon, and the holders of such shares shall not be liable for any further payment thereon."

The undersigned do also hereby certify that the foregoing Amendment has been duly adopted in accordance with the provisions of Section 242, Title 8 of the Delaware Code of 1953.

IN WITNESS WHEREOF, the undersigned President and Secretary of THIOKOL CHEMICAL CORPORATION have signed this Certificate and caused the Corporate seal of the Corporation to be hereunto affixed this 25th day of April, 1967.

/s/ H. W. Ritchey
President

THIOKOL CHEMICAL CORPORATION
CORPORATE SEAL
1930
DELAWARE

/s/ A. P. Roeper
Secretary

STATE OF PENNSYLVANIA)
 : ss.:
COUNTY OF BUCKS)

BE IT REMEMBERED that on this 25th day of April, 1967 personally came before me Rose D. Finkelstein , a Notary Public in and for the County and State aforesaid, duly commissioned and sworn to take acknowledgments or proofs of deeds, H.W. RITCHEY, President of THIOKOL CHEMICAL CORPORATION, a Delaware corporation and the corporation described in the foregoing Certificate, known to me personally to be such, and he the said H.W. RITCHEY, as such President, duly executed said Certificate before me and acknowledged the said Certificate to be his act and deed and made on behalf of said corporation; that the signature of said President and of the Secretary of said corporation to said Certificate are in the handwriting of the said President and of the Secretary of said corporation, respectively, and that the seal affixed to said Certificate is the common or corporate seal of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and seal of office the day and year aforesaid.

/s/ Rose D. Finkelstein
Notary Public

ROSE D. FINKELSTEIN
NOTARY PUBLIC
COMMONWEALTH OF PENNSYLVANIA