United States Patent

[11] 3,624,023

[72] Inventor James V. Hartlage
Midland, Mich.

[21] Appl. No. 27,170
[22] Filed Apr. 9, 1970
[45] Patented Nov. 30, 1971
[73] Assignee Dow Corning Corporation
Midland, Mich.

[54] TRANSPARENT SILICONE RUBBER VULCANIZABLE UNDER AMBIENT CONDITIONS
3 Claims, No Drawings

[52] U.S. Cl. ..... 260/37 SB
[51] Int. Cl. C08g 51/04
[50] Field of Search ..... 260/37 SB

[56] References Cited

UNITED STATES PATENTS

2,843,555	7/1958	Berridge	260/37 SB UX
3,243,404	3/1966	Martellock	260/37 SB
3,532,664	10/1970	Smith	260/37 SB

Primary Examiner—Lewis T. Jacobs
Attorneys—Robert F. Fleming, Jr., Laurence R. Hobey, Harry D. Dingman and Roger H. Borrousch

ABSTRACT: A mixture of a fume silica treated with bis(trimethyl-silyl)amine, a hydroxyl endblocked phenyl methyl polysiloxane, and alkoxy silicon compound and a curing catalyst cure at ambient conditions to a transparent silicone rubber useful as an encapsulant for electrical components.