EXHIBIT C

GENERAL ELECTRIC COMPANY

SILICONE PRODUCTS BUSINESS DIVISION

PROCESS LETTER

Product No. FSL-7208
Issue No. 2

AUG 3 1983

Two Part Fluorosilicone
Molding Compound
Date: August 2, 1983

Description

A two part fluorosilicone molding compound for electrical connector inserts. The compound has a low mixed viscosity (1.2-2.5MM cps) which is suitable for pumping. This material is used primarily with injection molding equipment. Cured compounds provide good hot tear strength and resistance to tension set. ITT-Cannon is the principal user of this material.

This is a platinum catalyzed composition, and as such, the compound and all of the components -- of the formulation -- must be prepared under a nitrogen atmosphere. Inert gas is not suitable; it may contain trace amounts of carbon monoxide - a known poison for platinum. Contact of the compound -- and quite possibly the components -- with said gas might adversely affect the performance of this material.

Product Responsibility	RFP Product Service Section
Process Responsibility	FRS Manufacturing Engineering
Release Responsibility	FRS Quality Control

8/2/83
Manager-R&F Product Services

Distribution

R. C. Atwood	D. J. Lussier
P. A. Blanc	N. J. Reo
G. R. Browning	M. P. Scarbel (2)
R. B. Bush	QA
E. R. Evans	Legal
M. L. Evans	Library
J. A. Luciano (2)	Medical Center (Sec. 7)

EVANS
EXHIBIT NO. 10
11/2/10
K. SCHMIEDER

GENERAL ELECTRIC COMPANY

SILICONE PRODUCTS BUSINESS DIVISION

PROCESS LETTER - Section 2

COMPOSITION, TESTS AND SPECIFICATIONS

Product No. FSL-7208
Issue No. 2

Two Part Fluorosilicone
Molding Compound
Date: August 2, 1983

COMPOSITION

Base

Material	Specification	Parts	A	B
Vinyl terminated, 28m% fluoro silicone PDMS copolymer	GE88676	100	66.99	44.13
Silazane treated Cab-O-Sil MS-7	GE88318	16	10.72	10.58
Silazane treated Zeothix 95	GE88625	21.0	14.07	13.89
Minusil, 10 micron	WERMI 6230	5.0	3.35	3.31
1/2M & 1/2Vi Terminated fluoro-silicone copolymer fluid	GE88610	4.0	2.68	2.64
Fluorosilicone Process Aid	GE88629*	3.1	2.08	2.05
		149.1	100	

* May substitute with suitable batch of 88658 at same level.

PART A

Base	-	100 (149.1)
Platinum Catalyst **	GE88034	0.056 (0.084) - <.001
Diallylmaleate	WERMI 6861	0.060 (0.090) <.001

** Platinum level 3.3%, adjust quantity for batch concentration difference.

PART B

Base	-	100 (149.1)
Hydride Crosslinker	GE88104	1.4 (2.1) — 1.39
MAPICO TAN 20	WERMI 06032	0.0018 (0.0027) <0.002
White Masterbatch	WERMI 06542	0.0087 (0.0130) <0.01

GENERAL ELECTRIC COMPANY

SILICONE PRODUCTS BUSINESS DIVISION

PROCESS LETTER - Section 2

COMPOSITION, TESTS AND SPECIFICATIONS (Continued)

Product No. FSL-7208
Issue No. 2

Two Part Fluorosilicone
Molding Compound
Date: August 2, 1983

PRODUCT TESTS & SPECIFICATIONS

Test No.	Property	Value
S-4	Cured sheets: Add equal amounts of FSE-7208A & B. Press cure 5'/340°F and Post Bake 4 Hours/400°F	
E-2	Appearance	Part A - pale white Part B - Pink
E-3	Shore A, Hardness	45 ± 5
E-1	Tensile Strength, psi	600 min
E-1	Elongation, %	350 min
E-19	Tear Strength, ppi	80 min
P-11	Compression set, 22 hrs/350°F(177°C)	27 max.
P-15	Specific Gravity, 77°F (25°C)	1.27 + 0.03
E-73	Shrinkage	0.045±0.005
U-11A	Bashore	32 min.
	Viscosity: Equal amounts of A&B, Brookfield HBF #7 Spindle, 10 RPM, 2 min reading, 77°F(25°C)	Record*
	Viscosity after 4 days, Brookfield HBF #7 Spinkle 10 RPM, 2 min reading, 77°F (25°C).	Record*
C-526	Monsanto Rheometer cure @ 400°F (177°C), Model No. 100, 3°ARC, T-90 at 2" on 12" motor.	0.5-1.5min*

*Expected values (record); spec values will be established after a batch history has been established.

R. C. Atwood 7/18/83
Process Engineer

E. Robert Evans
Process Chemist

Gene R Browning 7/26/83
Manager-Quality Control

[signature] 8/2/83
Manager-R&P Product Services Section

R. C. Atwood 7/18/83
Manager-PS & Mfg. Engr.

[signature] 8/2/83
Manager-R&P Development Section

GENERAL ELECTRIC COMPANY

SILICONE PRODUCTS BUSINESS DIVISION

PROCESS LETTER - Section 3

PROPERTIES OF INPUTS AND PRODUCTS

Product No. FSL-7208
Issue No. 2

Two Part Fluorosilicone
Molding Compound
Date: August 2, 1983

Material	Specification	Mol. Wgt.	B.p.	Density/SPG
Vinyl Terminated 28m% polymethyl-3,3,3-trifluoropropylsiloxane polydimethylsiloxane copolymer	GE88676	$\overline{M}_w$= 55M	-	1.119-1.131
Silazane Treated Cab-O-Sil MS-7	GE88318	-	-	0.20 -0.25*
Silazane Treated Zeothix 95	GE88625	-	-	0.160-0.165*
Minusil, 10 Micron	WERMI 6230	-	-	-
1/2M&1/2VI terminated fluorosilicone copolymer fluid	GE88610	$\overline{M}_w$=5-8M	-	1.155-1.182
Fluorosilicone Process Aid	GE88629	486	-	1.29 -1.33
Platinum Catalyst	GE88034	-	-	1.0175
Diallylmaleate	WERMI 6861	196	260°	1.077
Hydride Source	GE88104	-	-	1.19 -1.21
MAPICO TAN 20 WHITE MASTERBATCH	WERMI 06032 WERMI 06542	-	-	4.4

* Bulk density values

Introduction

A two part 28m% fluorosilicone containing molding compound which is used for the manufacture of electrical connector inserts. This compound displays good processability, good hot tear strength, and resistance to both compression and tension set. The compound when mixed should provide an initial viscosity of 1-2MM cps, and a working shelf life of 10 days at 77°F (25°C).

Equipment

A stainless steel (SS316) doughmixer (DMX) which is capable of being thoroughly cleaned, and which can be heated to 180°C (Max.). The DMX must be maintained under a nitrogen atmosphere during the cook and mixing cycle.

GENERAL ELECTRIC COMPANY

SILICONE PRODUCTS BUSINESS DIVISION

PROCESS LETTER - Section 3

PROPERTIES OF INPUTS AND PRODUCTS (Continued)

Product No. FSL-7208
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Two Part Fluorosilicone
Molding Compound
Date: August 2, 1983

Prep ration of Equipment

The vessel must be thoroughly cleaned prior to compounding. A toluene or acetone rinse (followed by toluene) may be necessary to remove impurities which may be detrimental to the final compound.

BASE

Process

To a clean vessel charge all the 88766 then add the 10 micron Minusil. Complete the compounding of the base accordingly.

- Add the 88318 in three equal additions - mixing well between each increment to insure massing. Blade scraping may be required.
- Add the 88625 in three equal additions - mixing well between additions.
- Mix the batch for one hour, scrape walls and blades of mixer if necessary.
- Add the 88610, and when dispersed, heat batch to 120-135°C under nitrogen purge for 2 hours.
- Cool down mixture to 50°C then add the 88629, after the material is thoroughly dispersed, cool batch temperature down to less than 50°C and drop the batch.
- Filter batch thru 75 micron spiral wound filter.

PART A

To a clean and dry vessel add the base material then add the 88034; mix thoroughly for 30 minutes.

- Add the diallylmaleate and mix thoroughly for 30 minutes then cool to less than 50°C.
- Drop the A portion out, package, and label.

GENERAL ELECTRIC COMPANY

SILICONE PRODUCTS BUSINESS DIVISION

PROCESS LETTER - Section 3

PROPERTIES OF INPUTS AND PRODUCTS (Continued)

Product No. FSL-7208
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Two Part Fluorosilicone
Molding Compound
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PART B

To a clean and dry vessel charge the base material.

- Cool the batch to less than 40°C and add the hydride crosslinker -- 88104 -- the Mapico tan 20 plus the white masterbatch, and mix thoroughly for 30 minutes to one hour while cooling.

- Drop the batch, package and label part B.

R. C. Atwood 7/18/83
Process Engineer

E. Robert Evans
Chemist

GENERAL ELECTRIC COMPANY

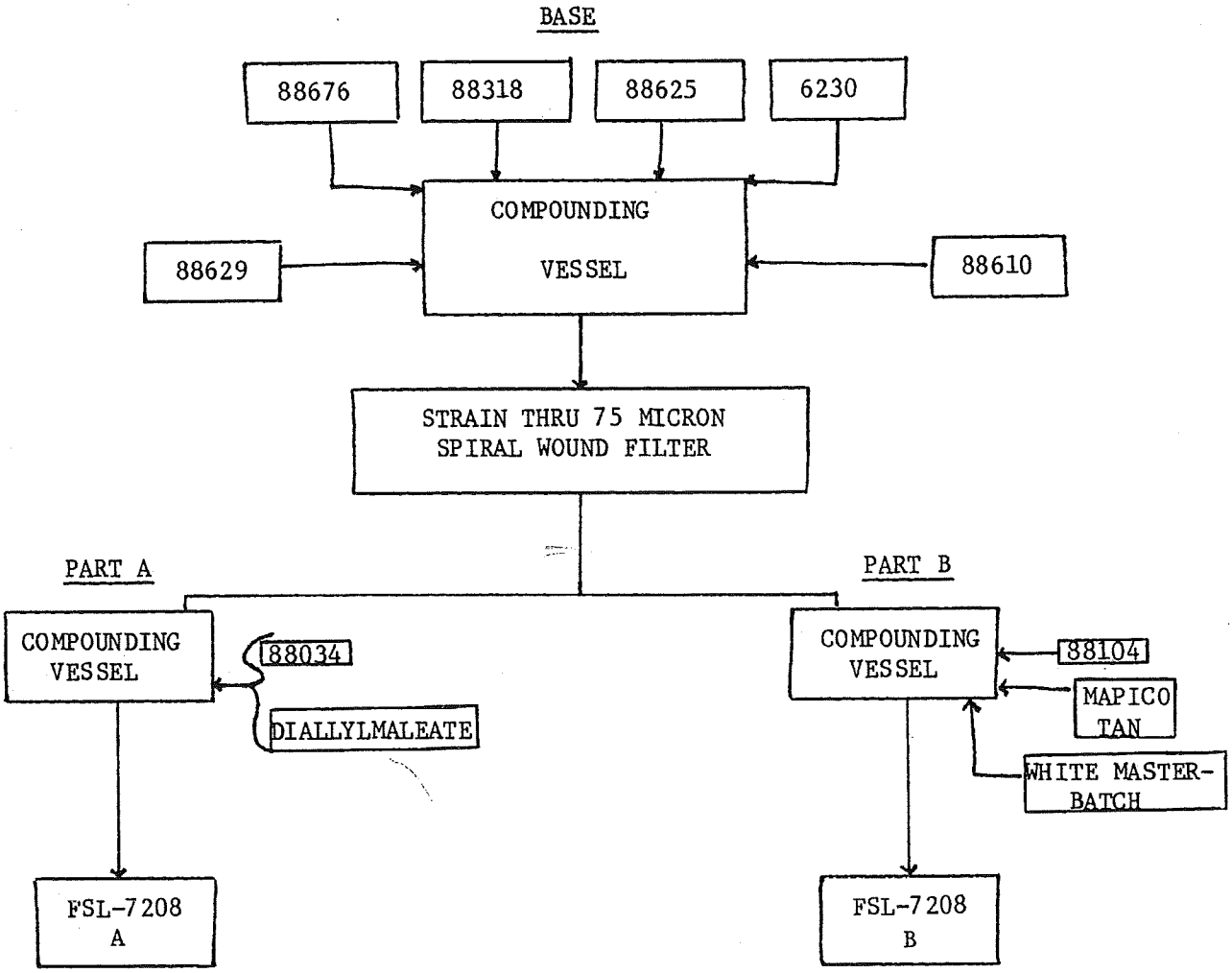
SILICONE PRODUCTS BUSINESS DIVISION

PROCESS LETTER - Section 4

FLOW SHEET

Product No. FSL-7208
Issue No. 2

Two Part Fluorosilicone
Molding Compound
Date: August 2, 1983



R. C. Atwood 7/18/83
Process Engineer

E. Robert Evans
Chemist

GENERAL ELECTRIC COMPANY

SILICONE PRODUCTS BUSINESS DIVISION

PROCESS LETTER - Section 5

Product No. FSL-7208
Issue No. 2

Two Part Fluorosilicone
Molding Compound
Date: August 2, 1983

Experimental Process Letter, Issue No. 1, M. Matsumota, dtd 13 Nov 1980.

E. Robert Evans
Chemist

GENERAL ELECTRIC COMPANY

SILICONE PRODUCTS BUSINESS DIVISION

PROCESS LETTER - Section 6

Product No. FSL-7208
Issue No. 2

Two Part Fluorosilicone Molding Compound
Date: August 2, 1983

PATENT STATUS

To the best of my knowledge, the subject Process Letter and the product derived therefrom (circle appropriate response):

1. Does/does not — contain patented subject matter as found in U. S. Patent _____.

2. (Does)/does not — contain subject matter contained in an application for U. S. Patent (i.e. patent pending).

3. (Is)/is not — the subject of an SPBD patent disclosure letter (60 SI- 449).

I understand that in order to avoid statutory penalties for the mismarking of products under 35 U.S.C. 292, Division Patent Counsel shall be notified of all changes to the subject Process Letter.

E. Robert Evans
Process Development Chemist

[signature] 4/2/84
Manager-RFPD Product Service

GENERAL ELECTRIC COMPANY

SILICONE PRODUCTS BUSINESS DIVISION

PROCESS LETTER - Section 7

MATERIALS HANDLING AND SAFETY

Product No. FSL-7208
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Two Part Fluorosilicone Molding Compound
Date: August 2, 1983

28m% Polymethyl-3,3,3- Trifluoropropylsiloxy Polydimethylsiloxane Copolymer, 88676

This copolymer should be handled with care. The physiological properties are unknown; but the material is suspected of having biological activity. Until information is available concerning its character, avoid all topical contact and the inhalation of any hot vapors. If contact is made with the skin, emulsify the material with a liquid detergent then rinse with copious amounts of water. All contaminated clothing should be discarded.

1/2M & 1/2Vi Terminated, 50m% Polymethyl-3,3,3-trifluoropropylsiloxy polydimethyl-siloxane copolymer, 88610

A copolymer plasticizer fluid which is suspected of having biological and/or physiological activity. Avoid ingestion or topical contact; if contact is made, first emulsify with liquid detergent then rinse with copious amounts of water.

Silazane treated MS-7 Fumed Silica, 88318

The filler is considered to be non-hazardous, however, inhalation of large quantities of airborne particles (dust) should be avoided. A face mask should be worn when adding material from containers to DMX to reduce the tendency for respiratory irritation.

Silazane treated Zeothix 95, 88625

The filler is considered to be non-hazardous, however, it can be somewhat dusty when dealing with bulk quantities. A face mask should be worn when loading DMX to reduce the tendency for respiratory irritation.

Diallylmaleate, WERMI 6861

An inhibitor for platinum which should be stored in a sealed container at temperatures below 80°F. The material is moderately toxic and has an acute oral LD50 of 1040 mg/Kg in rats; the acute dermal LD50 is 500 mg/Kg for rabbits which is toxic. The material causes both eye and skin irritation; care should also be taken to avoid inhalation of the fumes (b.p. = 260°C). In the event of eye or skin contact, flush with water for at least 15 minutes then seek help from a physician. In the event of a spill, absorb on inert material, e.g., floor dry, sawdust, or sand for incineration (98-7091-30) with vapor scrubbers.

GENERAL ELECTRIC COMPANY

SILICONE PRODUCTS BUSINESS DIVISION

PROCESS LETTER - Section 7

MATERIALS HANDLING & SAFETY (Continued)

Product No. FSL 7208
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Two-Part Fluorosilicone
Molding Compound
Date: August 2, 1983

Hydride Crosslinker, 88104

A low viscosity fluid which is flammable, but non toxic. A reactive material which must be kept away from open flames and caustic solutions. Scrap material or cleaned up spills should be disposed of in accordance with 22-7035-30.

Fluorosilicone Hydrolyzate, 88629

A mixture of cyclics and linear silanol species, the toxicity of which is presently unknown. The material should be considered to be potentially hazardous, and care must be taken to avoid topical contact. The material should be first emulsified with a liquid detergent then rinsed thoroughly with water. All contaminated clothing should be discarded.

Platinum Catalyst, 88034

Alcoholic reaction product of chloroplatinic acid with 2-ethylhexanoic acid. The catalyst is considered to be non-hazardous, but flammable. Care should be taken to insure against contact with open flames.

Mapico Tan-20, WERMI 06032

A synthetic iron oxide (magnesium ferrite) which is a dark tan powder. It is a stable material with no unusual explosion hazards. Exposure to excessive dusting should be avoided since it may irritate the eyes. It is classed as a non-toxic pigment.

White Masterbatch, WERMI 06542

A non-hazardous mixture of titanium dioxide dispersed in silicone oil. The paste can cause eye irritation if direct contact is made with the eyes.

E. Robert Evans
Product Chemist

GENERAL ELECTRIC COMPANY

SILICONE PRODUCTS BUSINESS DIVISION

PROCESS LETTER - Section 8

ENVIRONMENTAL IMPACT

Product No. FSL-7208
Issue No. 2

Two-Part Fluorosilicone
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Date: August 2, 1983

The effect of the individual parts or the final compound upon the environment is thought to be minimal. The compound does not have an appreciable vapor pressure, is insoluble in water, and has sufficient green strength to resist flow. Cleanup of spills can be facilitated thru the use of floordri or sand to absorb the somewhat sticky mess. All residues should be disposed of in accordance with the folllowing code P-7251-30.

E. Robert Evans
Process Chemist

R. C. Atwood 7/18/83
Process Engineer

0795h
6/16/83