**SECTION 1** 

## COMPANY IDENTIFICATION

# North Coast Medical, Inc. 18305 Sutter Blvd. Morgan Hill, CA 95037

(408) 776-5000

Issued	Date:	May 18, 2000	
Issued	by:	G. M. Christy	

# MATERIAL SAFETY DATA SHEET ESSENTIALLY SIMILAR TO U.S. DEPARTMENT OF LABOR FORM OSHA-20

This Material Safety Data Sheet is principally directed to managerial, safety, hygiene and medical personnel. The description of physical, chemical and toxicological properties and handling advice is based on experimental results of similar products and past experience. It is intended as a starting point for the development of health and safety procedures. These data are offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made.

This Material Safety Data Sheet (MSDS) meets the requirements of the Federal OSHA Hazard Communications Standard (29 CFR 1910.1200).

### **SECTION 2**

# NAME, PRODUCT and INGREDIENTS

MATERIAL NAME:

C001-A Part A, Silicone Rubber Compound- Private Label

CHEMICAL FAMILY:

Organopolysiloxanes

TRADE NAME:

Silicone Rubber Compound

CAS #:

Mixture

COMPOSITION: The specific chemical identity of the mony of the ingredients of this formulation is considered a trade secret.

Components		CAS#	Comp.%	<b>ACGIH TLV</b>
Dimethyl Polysiloxane, Vinyl Terminated		68083-19-2	32-50	Non-Hazardous
Silicone Dioxide		112945-52-5	0-50	0.1mg/M <sup>3</sup>
Amorphous Silica		60676-86-0	3-8	Non-Hazardous
Calcium Carbonate	25	1317-65-3	0-50	Non-Hazardous
Chloroplatanic Acid Complex		16941-12-1	0.1-1	Non-Hazardous
Mineral Oils USP	w #	08042-47-5	Trade secret	Non-Hazardous
Titanium Dioxide		13463-67-7	0-1	Non-Hazardous

### **SECTION 3**

# PHYSICAL and CHEMICAL DATA

**BOILING POINT:** 

Not Applicable

VAPOR PRESSURE, 68 deg F, mm Hg: Nil

VAPOR DENSITY (Air = 1):

Not Applicable

SOLUBILITY IN WATER:

Negligible

APPEARANCE, COLOR AND ODOR:

White odorless paste, very little odor

SPECIFIC GRAVITY (Water = 1):

1.35 - 1.55

PERCENT VOLATILE (by Volume): EVAPORATION RATE (ether = 1):

Nil

Nil

FLASH POINT, deg F:

200 deg. C min. (open cup)

FLAMMABILITY LIMITS IN AIR:

Not Applicable

SECTION 4

# FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used):

200 deg. C min. (open cup)

FLAMMABLE LIMITS:

Not measured

Lower: Upper: Not measured Not measured

**EXTINGUISHING MEDIA:** 

Foam, dry chemical or carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES:

Not required

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None

**SECTION 5** 

# REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None

INCOMPATIBILITY (materials to avoid):

None

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

None

HAZARDOUS POLYMERIZATION:

Will not occur.

CONDITIONS TO AVOID:

None

**SECTION 6** 

### **HEALTH HAZARD DATA**

This data is based on results from a similar product.

**ROUTES OF ENTRY:** 

Inhalation ?:[-]

Skin ?: [Y]

Ingestion ?: [Y]

**HEALTH HAZARDS:** 

ACUTE:

No information available

CHRONIC: No information available

### CARCINOGENICITY:

NTP ?: [N] IARC MONOGRAPHS ?: [N] OSHA REGULATED ?: [N]

SIGNS AND SYMPTOMS OF EXPOSURE:

**EYE CONTACT:** May cause slight irratation, but no significant effect.

**SKIN CONTACT:** May cause slight irratation. **INGESTION:** No information is available.

### MEDICAL CONDITIONS GENERAALY AGGRAVATED BY EXPOSURE

No information is available.

# **EMERGENCY AND FIRST AID PROCEDURES**

**EYE CONTACT:** In case of contact, flush eyes well with water for 15 minutes. Obtain medical attention if irritation occurs.

**SKIN CONTACT:** Skin contact is not anticipated to cause irritation. If irritation does occur, remove paste with dry towel, water wash exposed are and obtain medical attention.

ORAL / INGESTION: Do not induce vomiting. Call a physician immediately.

# SECTION 7 CONTROL AND PROTECTIVE MEASURES

**RESPIRATORY PROTECTION:** Not required

VENTILATION-

LOCAL EXHAUST:

Not required

MECHANICAL:

Not required

SPECIAL:

Not required

PROTECTIVE GLOVES:

Plastic film or rubber gloves

EYE PROTECTION:

Safety glasses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Eyewash equipment

WORK/HYGENIC PRACTICES: Wash hands after handling.

### SECTION 8 PRECAUTIONS OF SAFE HANDLING AND USE

### STEPS TO BE TAKEN IN CASE OF MATERIAL RELEASED OR SPILL:

Contain the spill or leak.

Scrape up with cardboard or rag and place in container.

### WASTE DISPOSAL METHOD

Can be burned in accordance with regulations.

# PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep container closed when not in use.

Store in a cool place.

Keep away from heat anf flame.

Don't lat the container on its side.

Avoid contact with eyes and prolonged or repeated skin contact.

### OTHER PRECAUTIONS:

This product contains crystalline silica which is considered a hazard by inhalation with dust and classified as an agent which is probably carcinogenic to humans by IARC.

But we consider that this product doesn't fall under Group 2A in IARC because it doesn't generate dust under normal handling conditions.

Remarks:

- ROUTES OF ENTRY / "Y" MEANS "Yes".
- 2. CARCINOGENICITY / "N" MEANS "No"

### OTHER INFORMATION:

This materials safety data sheet is offered solely for your information, consideration, and investigation. The data described in this MSDS consist of data from literature, our acquisitional data and analogical inference by data of similar chemical substance or product. North Coast Medical, Inc. provides no warranties, either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.

**SECTION 1** 

# **COMPANY IDENTIFICATION**

# North Coast Medical, Inc. 18305 Sutter Blvd.

Morgan Hill, CA 95037 (408) 776-5000

Issued Date:	May 18, 2000	
Issued by:	G. M. Christy_	

# MATERIAL SAFETY DATA SHEET ESSENTIALLY SIMILAR TO U.S. DEPARTMENT OF LABOR FORM OSHA-20

This Material Safety Data Sheet is principally directed to managerial, safety, hygiene and medical personnel. The description of physical, chemical and toxicological properties and handling advice is based on experimental results of similar products and past experience. It is intended as a starting point for the development of health and safety procedures. These data are offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made.

This Material Safety Data Sheet (MSDS) meets the requirements of the Federal OSHA Hazard Communications Standard (29 CFR 1910.1200).

### SECTION 2

# NAME, PRODUCT and INGREDIENTS

MATERIAL NAME:

C001-B Part B, Silicone Rubber Compound- Private Label

CHEMICAL FAMILY:

Organopolysiloxanes

TRADE NAME:

Silicone Rubber Compound

CAS #:

Mixture

COMPOSITION: The specific chemical identity of the mony of the ingredients of this formulation is considered a trade secret.

Components	CAS#	Comp.%	<b>ACGIH TLV</b>
Dimethyl Polysiloxane, Vinyl Terminated	68083-19-2	32-50	Non-Hazardous
Dimethyl Methyl Hydrogen Siloxane	68037-59-2	Trade Secret	Non-Hazardous
Silicone Dioxide	112945-52-5	0-50	0.1mg/M <sup>3</sup>
Amorphous Silica	60676-86-0	3-8	Non-Hazardous
Calcium Carbonate	1317-65-3	0-50	Non-Hazardous
Mineral Oils USP	08042-47-5	Trade secret	Non-Hazardous
C. I. Pigment Red 170	2786-76-7	0-2	Non-Hazardous
Carbon Black		0-2	Non-Hazardous

### **SECTION 3**

# PHYSICAL and CHEMICAL DATA

**BOILING POINT:** 

Not Applicable

VAPOR PRESSURE, 68 deg F, mm Hg: Nil

VAPOR DENSITY (Air = 1):

Not Applicable

SOLUBILITY IN WATER:

Negligible

APPEARANCE, COLOR AND ODOR:

White odorless paste, very little odor

SPECIFIC GRAVITY (Water = 1):

1.35 - 1.55

PERCENT VOLATILE (by Volume): EVAPORATION RATE (ether = 1):

Nil Nil

FLASH POINT, deg F:

200 deg. C min. (open cup)

FLAMMABILITY LIMITS IN AIR:

Not Applicable

**SECTION 4** 

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used):

200 deg. C min. (open cup)

FLAMMABLE LIMITS:

Not measured

Lower:

Not measured

Upper:

Not measured

**EXTINGUISHING MEDIA:** 

Foam, dry chemical or carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES:

Not required

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None

**SECTION 5** 

REACTIVITY DATA

**STABILITY:** Stable

CONDITIONS TO AVOID: None

INCOMPATIBILITY (materials to avoid):

None

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

None

HAZARDOUS POLYMERIZATION:

Will not occur.

**CONDITIONS TO AVOID:** 

None

SECTION 6

HEALTH HAZARD DATA

This data is based on results from a similar product.

ROUTES OF ENTRY:

Inhalation ?:[-]

Skin ?: [Y]

Ingestion ?: [Y]

**HEALTH HAZARDS:** 

ACUTE:

No information available

CHRONIC: No information available

### CARCINOGENICITY:

NTP ?: [N] | IARC MONOGRAPHS ?: [N]

OSHA REGULATED ?: [N]

SIGNS AND SYMPTOMS OF EXPOSURE:

**EYE CONTACT:** 

May cause slight irratation, but no significant effect.

SKIN CONTACT: May cause slight irratation.

INGESTION:

No information is available.

### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

No information is available.

### **EMERGENCY AND FIRST AID PROCEDURES**

EYE CONTACT: In case of contact, flush eyes well with water for 15 minutes. Obtain medical attention if irritation occurs.

SKIN CONTACT: Skin contact is not anticipated to cause irritation. If irritation does occur, remove paste with dry towel, water wash exposed are and obtain medical attention.

ORAL / INGESTION: Do not induce vomiting. Call a physician immediately.

### SECTION 7

# **CONTROL AND PROTECTIVE MEASURES**

RESPIRATORY PROTECTION: Not required

VENTILATION-

LOCAL EXHAUST:

Not required

MECHANICAL:

Not required Not required

SPECIAL: PROTECTIVE GLOVES:

Plastic film or rubber gloves

EYE PROTECTION:

Safety glasses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Eyewash equipment

WORK/HYGENIC PRACTICES: Wash hands after handling.

### **SECTION 8**

# PRECAUTIONS OF SAFE HANDLING AND USE

# STEPS TO BE TAKEN IN CASE OF MATERIAL RELEASED OR SPILL:

Contain the spill or leak.

Scrape up with cardboard or rag and place in container.

# **WASTE DISPOSAL METHOD**

Can be burned in accordance with regulations.

# PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep container closed when not in use.

Store in a cool place.

Keep away from heat anf flame.

Don't lat the container on its side.

Avoid contact with eyes and prolonged or repeated skin contact.

### OTHER PRECAUTIONS:

This product contains crystalline silica which is considered a hazard by inhalation with dust and classified as an agent which is probably carcinogenic to humans by IARC.

But we consider that this product doesn't fall under Group 2A in IARC because it doesn't generate dust under normal handling conditions.

Remarks:

- 1. ROUTES OF ENTRY / "Y" MEANS "Yes".
- 2. CARCINOGENICITY / "N" MEANS "No".

### OTHER INFORMATION:

This materials safety data sheet is offered solely for your information, consideration, and investigation. The data described in this MSDS consist of data from literature, our acquisitional data and analogical inference by data of similar chemical substance or product. North Coast Medical, Inc. provides no warranties, either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.