

**PRODUCT NAME: G-501****MATERIAL SAFETY DATA SHEET**

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**SECTION 1. COMPANY IDENTIFICATION**

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## COMPANY IDENTIFICATION

MANUFACTURER'S NAME: Shin-Etsu Chemical Co., Ltd.

ADDRESS: 6-1, 2-Chome, Ohtemachi, Chiyodaku, Tokyo, JAPAN

## EMERGENCY TELEPHONE NUMBER:

330-630-9860(Shin-Etsu Silicones of America, Inc.)

800-424-9300(CHEMTREC)(24hrs)(Washington, D.C. USA)

036-5326380(Shin-Etsu Silicones Europe B.V., THE NETHERLANDS)

743-7277(Shin-Etsu Singapore Pte., Ltd.)

02-775-9691(Shin-Etsu Silicone Korea Co., Ltd.)

02-2751-6999(Shin-Etsu Silicone Taiwan Co., Ltd.)

## TELEPHONE NUMBER FOR INFORMATION:

03-3246-5121(Tokyo, JAPAN)

330-630-9860(Shin-Etsu Silicones of America, Inc.)

036-5326380(Shin-Etsu Silicones Europe B.V., THE NETHERLANDS)

743-7277(Shin-Etsu Singapore Pte., Ltd.)

02-775-9691(Shin-Etsu Silicone Korea Co., Ltd.)

02-2751-6999(Shin-Etsu Silicone Taiwan Co., Ltd.)

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BASE NO 2

PRODUCT NAME :

**G-501**

PRODUCT CLASSIFICATION:

Silicone Grease

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**SECTION 2. COMPOSITION**

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SINGLE OR MIXTURE:

Mixture

CHEMICAL IDENTIFICATION:

Organopolysiloxane mixture

HAZARDOUS COMPONENT(S)/(CAS No.):

No hazardous materials present

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**SECTION 3. HAZARDS IDENTIFICATION**

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HAZARDS CLASSIFICATION:

None (based on IMO)

FIRE AND EXPLOSION:

**PRODUCT NAME: G-501**

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Not considered flammable nor combustible, but will burn if involved in a fire.

**POTENTIAL HEALTH EFFECT:**

SKIN contact ; May cause slight skin irritation, but no significant effect.

EYES contact ; May cause slight eyes irritation.

INGESTION ; Low-harmful

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**SECTION 4. FIRST AID MEASURES**

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SKIN contact ; Remove product from skin with dry cloth or towel, and wash exposed area with detergent.

EYES contact ; Immediately flush with water for at least 15 minutes.

INGESTION ; Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician immediately.

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**SECTION 5. FIRE FIGHTING MEASURES**

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**FLASH POINT(method used):**

150 degrees C Min.(Open cup)

**FLAMMABLE LIMITS:**

LOWER: Not measured UPPER: Not measured

**EXTINGUISHING MEDIA:**

Foam, dry chemical, carbon dioxide or fine water spray

**SPECIAL FIRE FIGHTING PROCEDURE:**

Not required

**UNUSUAL FIRE AND EXPLOSION HAZARD:**

None

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

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**STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Contain the spill or leak.

Scrape up with cardboard or rag and place in container.

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**SECTION 7. HANDLING AND STORAGE**

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**PRECAUTION TO BE TAKEN IN HANDLING AND STORING:**

Keep container closed when not in use.

Store in a cool place.

Keep away from heat and flame.

Do not lay the container on its side.

Avoid contact with eyes and prolonged or repeated skin contact.

Keep out of reach of children.

\* \* \* \* \* Information about the emptied container \* \* \* \* \*

Do not re-use this container.

Keep away from heat, sparks and flame.

Do not puncture or cut this container, and do not weld on or near this container.

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### EXPOSURE GUIDELINES:

ACGIH TLV-TWA : Not established,

OSHA PEL : Not established

### RESPIRATORY PROTECTION(specify type):

Not required

### VENTILATION:

LOCAL EXHAUST: Not required

MECHANICAL(general): Not required

SPECIAL: Not required

OTHER: Not required

### PROTECTIVE GLOVES:

Plastic film or rubber gloves

### EYE PROTECTION:

Safety glasses

### OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Eyewash equipment

### WORK/HYGIENIC PRACTICES:

Wash hands after handling.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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### BOILING POINT:

Not applicable

### VAPOR PRESSURE:

Negligible (25 degrees C)

### VAPOR DENSITY(air=1):

Not applicable

### SPECIFIC GRAVITY:

0.92 (25 degrees C)

### MELTING POINT:

Not applicable

### EVAPORATION RATE:

Negligible (Butyl Acetate=1)

### SOLUBILITY IN WATER:

Not soluble

### APPEARANCE(color):

White to light yellow

### APPEARANCE(form):

Grease

ODOR:

Odorless

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## SECTION 10. STABILITY AND REACTIVITY

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STABILITY:

Stable

CONDITION TO AVOID:

None

INCOMPATIBILITY(material to avoid):

None

HAZARDOUS DECOMPOSITION OR BY-PRODUCT:

None

HAZARDOUS POLYMERIZATION:

Will not occur

CONDITION TO AVOID:

None

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## SECTION 11. TOXICOLOGICAL INFORMATION

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SKIN IRRITATION:

Patch Test(24Hr/Open) : Almost Negative(1%)

EYE IRRITATION:

No evidence of eyes irritation

ACUTE TOXICITY(LD50):

LD50(Oral/Mouse) : >18g/kg

ACUTE TOXICITY(LC50):

No information is available.

CHRONIC TOXICITY:

No information is available.

CARCINOGENICITY:

NTP:Not listed, IARC:Not listed, OSHA REGULATED:Not listed

OTHER INFORMATION:

None

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## SECTION 12. ECOLOGICAL INFORMATION

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BIODEGRADATION:

Not applicable

BIOACCUMULATION:

No information is available.

AQUATIC TOXICITY:

No information is available.

OTHER INFORMATION:

None

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**SECTION 13. DISPOSAL CONSIDERATIONS**

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Can be burned in a chemical incinerator equipped with an afterburner and scrubber.

Do not dispose the emptied container unlawfully.

Observe all federal, state, and local laws.

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**SECTION 14. TRANSPORT INFORMATION**

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UN No.:

None

IMO CLASSIFICATION AND CLASS:

None

PACKAGING GROUP:

None

PROPER SHIPPING NAME:

None

TECHNICAL SHIPPING NAME:

None

MARINE POLLUTANT:

None

DOT REPORTABLE QUANTITY(RQ) :

HAZARD SUBSTANCE(S) NAME / (CAS No.), CONTENTS AND RQ

Not applicable

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**SECTION 15. REGULATORY INFORMATION**

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TOXIC SUBSTANCES CONTROL ACT(TSCA) STATUS:

Listed on the TSCA Inventory.

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EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES

(EINECS) STATUS:

Listed on the EINECS.

LABELING ACCORDING TO EC-REGULATIONS REQUIRED:

SYMBOL : Not required

R-PHRASE : Not required

S-PHRASE : Not required

CONTAINS : None

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SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986(SARA) TITLE III SECTION

313 SUPPLIER NOTIFICATION:

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the emergency planning and community Right-To-Know Act of 1986 and 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for the material.

The toxic chemical(s) contained in this product are:

CHEMICAL NAME/(CAS No.) AND CONTENTS



MSDS NO: EU-06-05300534

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\*\* None \*\*

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CALIFORNIA PROPOSITION 65:

This regulation requires a warning for California Proposition 65 Chemical(s) under the statute.

The California Proposition 65 Chemical(s) contained in this product are:

CHEMICAL NAME/(CAS No.) AND CONTENTS

\*\* None \*\*

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## SECTION 16. OTHER INFORMATION

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For Industrial Use Only

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This materials safety data sheet is offered solely for your information, consideration and investigation.

The data described in this MSDS consist of data on literature, our acquisitional data and analogical inference by data of similar chemical substance or product.

Shin-Etsu Chemical Co., Ltd. provides no warranties, either express or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.

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