

**PRODUCT NAME: CAT-1310****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)

TELEPHONE NUMBER FOR INFORMATION:

03-3246-5121(Tokyo, JAPAN)

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

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BASE NO 4

PRODUCT NAME :

**CAT-1310**

PRODUCT CLASSIFICATION:

Catalyst

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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)

None (based on DOT)

FIRE AND EXPLOSION:

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

Contact with acidic, basic or oxidizing materials generates flammable and explosive hydrogen gas.

POTENTIAL HEALTH EFFECT:

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

EYES contact ; May cause slight eyes irritation.  
INGESTION ; No information is available.

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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):

190 degrees C (Open cup)  
94 degrees C Min.(Closed cup)

FLAMMABLE LIMITS:

LOWER: Not measured UPPER: Not measured

EXTINGUISHING MEDIA:

Foam, dry chemical or carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURE:

None

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, in such a case pay attention to generation of hydrogen gas by contaminants.

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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.  
Vent the container properly to eliminate internal pressure.  
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.  
Avoid contact with acidic, basic or oxidizing materials.

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):

OTHER: Unknown

Not required

### VENTILATION:

LOCAL EXHAUST: Not required

MECHANICAL(general): Not required

SPECIAL: Not required

OTHER: Not required

### PROTECTIVE GLOVES:

Plastic film

### EYE PROTECTION:

Safety glasses

### OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Eyewash equipment

### WORK/HYGIENIC PRACTICES:

Keep away from heat and flame.

Avoid contact with eyes and prolonged or repeated skin contact.

Avoid contact with acidic, basic or oxidizing materials.

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:

0.99 (25 degrees C)

### MELTING POINT:

Not applicable

### EVAPORATION RATE:

Negligible (Butyl Acetate=1)

## SOLUBILITY IN WATER:

Not soluble

## APPEARANCE(color):

Colorless, transparent

## APPEARANCE(form):

Fluid

## ODOR:

Odorless

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**SECTION 10. STABILITY AND REACTIVITY**

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## STABILITY:

Unstable

## CONDITION TO AVOID:

Contact with acidic, basic or oxidizing materials.

## INCOMPATIBILITY(material to avoid):

Acidic, basic or oxidizing materials.

## HAZARDOUS DECOMPOSITION OR BY-PRODUCT:

Acidic, basic or oxidizing materials can cause hydrogen gas.

Thermal breakdown of this product during fire or very high heat condition may evolve the following hazardous decomposition product: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

## HAZARDOUS POLYMERIZATION:

May occur

## CONDITION TO AVOID:

Contact with acidic, basic and oxidizing materials.

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**SECTION 11. TOXICOLOGICAL INFORMATION**

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## SKIN IRRITATION:

Essentially nonirritating to skin

## EYE IRRITATION:

May cause transitional slight eyes irritation.

## ACUTE TOXICITY(LD50):

No information is available.

## ACUTE TOXICITY(LC50):

Not applicable

## 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**

## BIODEGRADATION:

No evidence of biodegradation

## BIOACCUMULATION:

No evidence of bioaccumulation

## 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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WGK CLASSIFICATION (Water Resources Act in Germany):

WGK=1

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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

\*\* 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

Toluene/(108-88-3) : ca.0.2%

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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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