

MATERIAL SAFETY DATA SHEET

SECTION 1. COMPANY IDENTIFICATION

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 7

PRODUCT NAME :

KE-941-U

PRODUCT CLASSIFICATION:

Silicone Rubber Compound

SECTION 2. COMPOSITION

SINGLE OR MIXTURE:

Mixture

CHEMICAL IDENTIFICATION:

Organopolysiloxane mixture

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

No hazardous materials present

SECTION 3. HAZARDS IDENTIFICATION

HAZARDS CLASSIFICATION:

None (based on IMO)

None (based on DOT)

FIRE AND EXPLOSION:

No flammable and explosive hazard

POTENTIAL HEALTH EFFECT:

SKIN contact ; No significant effect.

INGESTION ; No information is available.

SECTION 4. FIRST AID MEASURES

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

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT(method used):

Not applicable (Solid)

FLAMMABLE LIMITS:

Not applicable

EXTINGUISHING MEDIA:

Foam, dry chemical, carbon dioxide or fine water spray

SPECIAL FIRE FIGHTING PROCEDURE:

Not required

UNUSUAL FIRE AND EXPLOSION HAZARD:

None

SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Collect spilled materials and place in a container.

SECTION 7. HANDLING AND STORAGE

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.

Keep out of reach of children.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:

ACGIH TLV-TWA : Not established,

OSHA PEL : Not established

RESPIRATORY PROTECTION(specify type):

See SECTION 11 of this MSDS for OTHER INFORMATION

VENTILATION:

LOCAL EXHAUST: See SECTION 11 of this MSDS for OTHER INFORMATION

MECHANICAL(general): See SECTION 11 of this MSDS for OTHER INFORMATION

SPECIAL: Unknown

OTHER: Unknown

PROTECTIVE GLOVES:

Plastic film

EYE PROTECTION:

Not required

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Not required

WORK/HYGIENIC PRACTICES:

Wash hands after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:

Not applicable

VAPOR PRESSURE:

Not applicable

VAPOR DENSITY(air=1):

Not applicable

SPECIFIC GRAVITY:

1.12 (25 degrees C)

MELTING POINT:

Not applicable

EVAPORATION RATE:

Not applicable (Butyl Acetate=1)

SOLUBILITY IN WATER:

Not soluble

APPEARANCE(color):

Milk-white, translucent

APPEARANCE(form):

Solid

ODOR:

Odorless

SECTION 10. STABILITY AND REACTIVITY

STABILITY:

Stable

CONDITION TO AVOID:

None

INCOMPATIBILITY(material to avoid):

None

HAZARDOUS DECOMPOSITION OR BY-PRODUCT:

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:

Will not occur

CONDITION TO AVOID:

None

SECTION 11. TOXICOLOGICAL INFORMATION

SKIN IRRITATION:

Not applicable

EYE IRRITATION:

Not applicable

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:

This product can generate formaldehyde at approximately
150 degrees C(300°F) and above in the presence of air.
Formaldehyde is a skin and respiratory sensitizer, eye and
throat irritant, acute toxicant and potential cancer
hazard. So, use adequate ventilation or wear protective
equipment such as gloves, goggles or protective clothing
when this product is heated at approximately 150 degrees
C(300°F) and above in the presence of air.

SECTION 12. ECOLOGICAL INFORMATION

BIODEGRADATION:

Not applicable

BIOACCUMULATION:

Not applicable

AQUATIC TOXICITY:

Not applicable

OTHER INFORMATION:

None

SECTION 13. DISPOSAL CONSIDERATIONS

Can be land-filled or burned in a chemical incinerator equipped with an afterburner and scrubber.
Observe all federal, state, and local laws.

SECTION 14. TRANSPORT INFORMATION

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

SECTION 15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT(TSCA) STATUS:

Listed on the TSCA Inventory.

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

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 **

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 **

SECTION 16. OTHER INFORMATION

For Industrial Use Only

Do not inhale exhaust gas at curing.

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.

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