PRODUCT NAME: KE-348-T

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.)
DATA PREPARED : 03/03/1994
LAST REVISION : 07/22/2010
DATA ISSUED : 10/21/2010
ISSUE NO 201010002755
BASE NO 8

PRODUCT NAME :
KE-348-T
PRODUCT CLASSIFICATION:
One Component Silicone Rubber Compound

SECTION 2. COMPOSITION

SINGLE OR MIXTURE:
Mixture
CHEMICAL IDENTIFICATION:
Organopolysiloxane mixture
HAZARDOUS COMPONENT(S)/(CAS No.):
No hazardous materials present
(See Section 8 of this MSDS for Exposure Guideline)

SECTION 3. HAZARDS IDENTIFICATION

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.
POTENTIAL HEALTH EFFECT:
INHALATION ; Vapor may cause slight irritate nose and throat. Product generates acetone which may cause irritating to respiratory

system and skin. Vapor overexposure may cause drowsiness.
SKIN contact ; On direct contact uncured product or its vapor may cause slight irritation to skin.
EYES contact ; On direct contact uncured product or its vapor may cause slight irritation to eyes.
INGESTION ; No information is available.

SECTION 4. FIRST AID MEASURES

INHALATION ; Remove to fresh air.
SKIN contact ; Immediately remove product from skin with dry cloth or towel, and wash exposed area with detergent.
EYES contact ; Immediately flush with plenty of water for at least 15 minutes and promptly call a physician.
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)
(This product does not sustain combustion.)
FLAMMABLE LIMITS:
LOWER: Not determined UPPER: Not determined
EXTINGUISHING MEDIA:
Foam, dry chemical, carbon dioxide or fine water spray
SPECIAL FIRE FIGHTING PROCEDURE:
None
UNUSUAL FIRE AND EXPLOSION HAZARD:
None

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Shut off all ignition sources.
Contain the spill or leak.
Scrape up with rag or other material and place in 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, sparks and flame.
Do not lay the container on its side.
Use only with adequate ventilation.
Avoid prolonged breathing vapor.
Avoid contact with eyes and skin.
Contact lens wearers take appropriate precaution.
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.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:
ACGIH TLV-TWA : 500ppm ; STEL 750ppm,
OSHA PEL : 8H TWA 1000ppm [Acetone ; decomposed product]
RESPIRATORY PROTECTION(specify type):
Use air-supplied breathing apparatus unless local exhaust ventilation is adequate or decomposed product is within TLV and PEL guideline.
VENTILATION:
LOCAL EXHAUST: Required
MECHANICAL(general): Adequate ventilation system
SPECIAL: Unknown
OTHER: Pay attention to ventilation such as local exhaust, mechanical and/or door open for at least 24 hours after application.
PROTECTIVE GLOVES:
Plastic film or rubber gloves
EYE PROTECTION:
Safety glasses
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
Eyewash equipment
WORK/HYGIENIC PRACTICES:
Keep away from heat, sparks and flame.
Avoid prolonged breathing vapor.
Avoid contact with eyes and skin.
Wash hands after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:
Not applicable
VAPOR PRESSURE:

Negligible (25 degrees C)

VAPOR DENSITY(air=1):

>1

SPECIFIC GRAVITY:

1.05 (25 degrees C)

MELTING POINT:

Not applicable

EVAPORATION RATE:

<1 (Butyl Acetate=1)

SOLUBILITY IN WATER:

Not soluble

APPEARANCE(color):

Milk-white, translucent

APPEARANCE(form):

Paste

ODOR:

Acetone odor

SECTION 10. STABILITY AND REACTIVITY

STABILITY:

Stable

CONDITION TO AVOID:

Exposure to air or moisture until ready to use - Causes curing and acetone vapors form gradually.

INCOMPATIBILITY(material to avoid):

Water or moisture

HAZARDOUS DECOMPOSITION OR BY-PRODUCT:

Water, moisture, or humid air can cause acetone.
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:

No information is available.

EYE IRRITATION:

No information is available.

ACUTE TOXICITY(LD50):

LD50(Oral/Rat) : 5.8g/kg [Acetone ; decomposed product]

ACUTE TOXICITY(LC50):
LC50(Inhalation/Rat) : 50.1g/m3/8Hr
[Acetone ; decomposed product]
CHRONIC TOXICITY:
No information is available.
CARCINOGENICITY:
NTP:Not listed, IARC:Not listed, OSHA REGULATED:Not listed
OTHER INFORMATION:
None

SECTION 12. ECOLOGICAL INFORMATION

BIODEGRADATION:
Not applicable
BIOACCUMULATION:
No information is available.
AQUATIC TOXICITY:
No information is available.
OTHER INFORMATION:
None

SECTION 13. DISPOSAL CONSIDERATIONS

Can be land-filled for cured product or 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.

SECTION 14. TRANSPORT INFORMATION

<IMO INFORMATION>
ID No.:
None
CLASSIFICATION AND CLASS:
None
PACKAGING GROUP:
None
PROPER SHIPPING NAME:
None
TECHNICAL SHIPPING NAME:
None
MARINE POLLUTANT:
None
* *
<DOT INFORMATION>
ID No.(49CFR 172.101):
None

HAZARD CLASS(49CFR 172.101):
None
PACKING GROUP(49CFR 172.101):
None
PROPER SHIPPING NAME(49CFR 172.101):
None
TECHNICAL SHIPPING NAME:
None
DOT REPORTABLE QUANTITY(49CFR 172.101, APP.) :
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
* *
WGK CLASSIFICATION (Water Resources Act in Germany):
WGK=1
* *
SUPERFUND AMENDMENTS AND REAUTHORIZAITION 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

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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.
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