

## MATERIAL SAFETY DATA SHEET

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PRODUCT NAME: KE-45-T

CHEMICAL NAME: One-component RTV silicone rubber compound

HAZARD CLASSIFICATION: None (based on IMD)

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

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

EMERGENCY TELEPHONE NUMBER: 03-246-5171 (Tokyo, JAPAN)

0273-85-2111 (Gurua, JAPAN)

TELEPHONE NUMBER FOR INFORMATION: 03-246-5171 (Tokyo, JAPAN)

DATE PREPARED: November 28, 1990

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ISSUED BY:

  
 M. SEINO

## SECTION I HAZARDOUS INGREDIENT

<u>HAZARDOUS COMPONENTS</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>
No hazardous materials present				

## SECTION II PHYSICAL AND CHEMICAL DATA

BOILING POINT (°C) : Not applicable  
 VAPOR PRESSURE (mmHg) : Negligible (at 25 degrees C)  
 VAPOR DENSITY (AIR=1) : more than 1  
 SPECIFIC GRAVITY : 1.05 (at 25 degrees C)  
 MELTING POINT (°C) : Not applicable  
 EVAPORATION RATE : less than 1 (Butyl Acetate=1)  
 SOLUBILITY IN WATER : Not soluble  
 APPEARANCE AND ODOR : Milk-white, translucent paste with slight odor

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**SECTION III FIRE AND EXPLOSION HAZARD DATA**

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FLASH POINT (method used): 61 degrees 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:  
None  
UNUSUAL FIRE AND EXPLOSION HAZARDS:  
None

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**SECTION IV REACTIVITY DATA**

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STABILITY: Unstable  
CONDITIONS TO AVOID: On exposure to air, evolve methylethylketoxime.  
INCOMPATIBILITY (materials to avoid): Water  
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Methylethylketoxime (Flammable Liquid)  
HAZARDOUS POLYMERIZATION: Will not occur  
CONDITIONS TO AVOID: None

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**SECTION V HEALTH HAZARD DATA**

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ROUTE(S) OF ENTRY      INHALATION ?:[Y]      SKIN ?:[Y]      INGESTION ?:[Y]  
HEALTH HAZARDS      ACUTE: No information is available.

CHRONIC: No information is available.

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

**SIGNS AND SYMPTOMS OF EXPOSURE:**

INHALATION ; Narcotic by evolved vapor.

SKIN & EYES ; On direct contact uncured product or its vapor may cause slight irritation to skin and eyes.

INGESTION ; No information is available.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

No information is available.

**EMERGENCY AND FIRST AID PROCEDURES:**

INHALATION ; Remove to fresh air.

SKIN contact ; Immediately remove 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 then obtain prompt medical attention.

INGESTION ; Do not induce vomiting. Call a physician immediately.

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## SECTION VI CONTROL AND PROTECTIVE MEASURES

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RESPIRATORY PROTECTION (specify type): None  
VENTILATION LOCAL EXHAUST: Required  
MECHANICAL (general): Adequate ventilation system  
SPECIAL: Unknown OTHER: Unknown  
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.

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## SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

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### STEPS 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.

### WASTE DISPOSAL METHOD:

Can be land-filled for cured product or burned in accordance with regulation.

### PRECAUTIONS 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.  
Don't lay the container on its side.  
Use only with adequate ventilation.  
Avoid prolonged breathing vapor.  
Avoid contact with eyes and skin.

### OTHER PRECAUTIONS:

Contact lens wearers take appropriate precaution.

\*Remarks : 1.ROUTE(S) OF ENTRY / "Y" means "Yes".  
2.CARCINOGENICITY / "N" means "Not listed".

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