



Safety Data Sheet

TAI COUNTY CHEMICAL CO., LTD

台邦科技化學股份有限公司

Safety Data Sheet



I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

Product Identifier: ME-1000
Synonyms: -----
Suggestive Use: Industrial
Supplier's Details: Tai County Chemical Co., Ltd.
Address: No. 91 Museum Rd., Bali Dist., New Taipei City 24947, Taiwan
Telephone Number/ Fax Number: 886-2-2610-4457/ 886-2-2610-1363
Company Website: http://www.taicounty.com.tw
Company E-mail: service@taicounty.com.tw
Emergency Phone Number: 886-2-2610-4457 Fax Number: 886-2-2610-1363

II. HAZARDS IDENTIFICATION:

Hazard Class: Non-hazardous
Contents of Symbols:
Symbols:
1. Signal Words: Not classified.
2. Hazard Statements: Not classified.
3. Precautionary Statements: Not classified.
Other Hazards:

III. COMPOSITION, INFORMATION ON INGREDIENT:

Substances:

Name: Poly(dimethylsiloxane)
Synonyms: None
Chemical Abstract Service No. (CAS No.) : 63148-62-9
Hazardous Ingredients (% of content) : None

IV. FIRST AID MEASURE:

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Emergency Procedures:

- **Inhalation:** Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
- **Skin Contact:** Wash skin with soap and water.
- **Eye Contact:** Rinse immediately with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
- **Ingestion:** Rinse mouth. Get medical attention immediately.

Critical Symptoms and Effects of Hazards: It will not cause significant health hazard in normal use.

Protection of First Aider: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Notes to Physician: -----

V. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Extinguishing media to avoid: Do not use a solid water stream as it may scatter and spread fire.

Specific Hazards: By heating and fire, harmful vapors/gases may be formed.

Special Fire Fighting Procedures: Move containers from fire area if you can do so without risk.

Specific Firefighting Equipment: Firefighters must use standard protective equipment including flame retardant coat, helmet, gloves, rubber boots, and self-contained breathing apparatus.

VI. ACCIDENTAL RELEASE MEASURES:

Personal Precautions: Wear proper protective equipment.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

Methods for Cleaning Up:

Eliminate sources of ignition.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use.

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VII. HANDLING AND STORAGE:

Handling: Provide adequate ventilation. Use adequate ventilation when this product is heated at approximately 150 degrees C(300°F) and above in the presence of air. Use care in handling/storage. Do not breathe mist or vapor.

Storage: Keep container tightly closed and store in a cool, well ventilated place. Ensure adequate ventilation Protection against fire and explosion.

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Engineering Control: Well ventilation equipment or environment.

Control Parameters:

HAZARDOUS MATERIAL	TWA	STEL	CEILING	BEIS
-	-	-	-	-

Personal Protection Equipment:

- 1. Respiratory Protection:** Protection equipment.
- 2. Hand Protection:** Nitrile rubber protective gloves.
- 3. Eye Protection:** Tight fitting protective goggles.
- 4. Skin and Body Protection:** Skin should be washed after contact.

IX. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance	Transparent	Physical State	liquid
Odor	Odorless	Odor Threshold Value	Not available
pH value(10%)	Not Measurable (Refer to water solubility)	Melting Point	No data available.
Boiling Point	No data available	Flash Point Test Method:	>300°C Open Cup
Evaporation (25°C)	Negligible (Butyl Acetate=1)	Inflammability	Not applicable
Explosion Limits	Not available.	Vapour Pressure	Negligible (25 °C)
Vapor Density	No data available	Density	0.97 (25 °C)
Ignition Temperature	No data available.	Solubility	Not soluble (<1 ppm)
Decomposition Temperature	No data available.	Octanol /H2O Coeff.(log Kow):	No data available.

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The above information is for your reference. For more information, please contact Tai County.

X. STABILITY AND REACTIVITY:

Reactivity: No hazardous reaction known under normal conditions of use, storage and transport.
Stability: Stable at normal conditions.
Possible Hazardous Reactions: Hazardous polymerization does not occur.
Conditions to Avoid: None.
Materials to Avoid: Strong oxidizing agents.
Hazardous Decomposition Products: 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 .

XI. TOXICOLOGICAL INFORMATION:

Routes of Exposure: skin, eye, inhalation, ingestion.
Main Symptoms: <ol style="list-style-type: none">1. Inhalation: No significant effects are expected.2. Skin Contact: No significant effects are expected.3. Eye Contact: No significant effects are expected.4. Ingestion: No significant effects are expected.
Acute Toxicity: Oral LD50 Rat > 5g/kg (Estimated by similar product) Routes of exposure: Not available. Symptoms: Not available. Skin corrosion/irritation: SKIN-RABBIT: No skin irritation (Estimated by similar product) Serious eye damage/eye irritation: Not classified. (Rabbit) (Estimated by similar product) Respiratory or skin sensitization: -Respiratory sensitization: Not available. -Skin sensitization: Not available.

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Germ cell mutagenicity:

Negative(Bacteria) (Estimated by similar product)

Carcinogenicity:

No carcinogenicity (Estimated by similar product)

Reproductive toxicity:

Not available.

Specific target organ toxicity -single exposure:

Not available.

Specific target organ toxicity -repeated exposure:

Not available.

Aspiration hazard:

Not available.

Chronic effects:

Not available.

Other information:

This product can generate formaldehyde at approximately 150 °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, organic vapor respirator or protective clothing when this product is heated at approximately 150 °C (300 °F) and above in the presence of air.

XII. ECOLOGICAL INFORMATION:

Ecotoxicity:

LC50(Fish) : No data available.

EC50(Invertebrate Aquatics) : No data available.

Biological Condensation Factor (BCF): No data available.

BOD (0.1 % soln.) ppm: No data available.

COD (0.1 % soln.) ppm: No data available.

Persistence/Degradability: May cause decomposition in dry soils. (Estimated by similar product)

Bioaccumulation/Accumulation: No bioaccumulation (Estimated by similar product)

Mobility in Soil: -----

Other Harmful Effect: -----

XIII. DISPOSAL CONSIDERATIONS:

Residual waste: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be

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disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Local disposal regulations: Incinerate. Incinerator should be appropriately equipped for silica and other fine powder which the product will generate in incineration. Workers should wear appropriate personal protective equipment(s) such as respirator. Contract with a disposal operator licensed by the Law on Disposal and Cleaning. Dispose of contents/container in accordance with local/regional/national/international regulations.

XIV. TRANSPORT INFORMATION:

United Nations number (UN No) : Not regulated as a dangerous good

UN Proper shipping name: Not regulated as a dangerous good

Transport hazard class(es): Not regulated as a dangerous good

Packing group: Not regulated as a dangerous good

Marine pollutant (Yes/No): No

Specific transport measures and precautionary conditions: Not regulated as a dangerous good

XV. REGULATORY INFORMATION:

Applicable Regulations:

1. Regulations for the Labeling and Hazard Communication of Hazardous Chemicals.
2. Occupational Safety and Health Act.
3. The Road Safety Rules.

XVI. OTHER INFORMATION:

Literature References:

Globally Harmonized System of Chemical Hazardous Substances Data

Organization that Prepared the SDS:

Tai County Chemical Co., Ltd.

Address of Organization that Prepared the SDS:

No. 91 Museum Rd., Bali Dist., New Taipei City 24947, Taiwan

Phone/Fax of Organization that Prepared the SDS:

886-2-2610-4457 / 886-2-2610-1363

Person who Prepared the SDS:

Jarvis

Creation Date:

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12/1/2022

Product:

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

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