

## SAFETY DATA SHEET

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**Number:**

**Date prepared:** October 31, 2014

**Date revised:**

**Revised detail:**

### 1. Chemical Product and Company Identification

**Product code:** -

**Product name:** GC Fit Checker Advanced - base

**Recommended use:** Condensation silicone for checking the fit of dentures and indirect metal restorations in dentistry.

**Company Identification:**

GC Corporation, 76-1 Hasunuma-Cho, Itabashi-Ku, Tokyo, Japan

Postal code 174-8585, Phone 81-3-3965-1388

**New Zealand supplier:**  
Henry Schein Regional Ltd  
23 William Pickering Drive  
Albany, Auckland  
Emergency Phone 0800 764 766  
Fax 0800 808 555

### 2. Hazards Identification

**Dangerous Goods:** Not applicable

**Hazardous Substance (HSNO):**

6.3B Substances that are mildly irritating to the skin

6.4A Substances that are irritating to the eye

**Signal Word:** Warning

**Hazard Statement(s)**

H316 Causes mild skin irritation.

H320 Causes eye irritation.

**Precautionary statement(s)**

**Prevention**

P103 Read label before use

P104 Read safety data sheet before use.

P264 Wash skin thoroughly after handling.

**Response**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

**Disposal**

P501 Dispose of contents/ container to an approved waste disposal plant.

### 3. Composition / Information on Ingredients

(% chemical components by WT)

Cas No.	Ingredient	Risk Phrases	HSNO Class	Qty
68037-59-2	Methylhydrogen dimethylpolysiloxane	Skin Irrit. 3, H316 Eye Irrit. 2B, H320	6.3B 6.4A	10 – 15 %
9002-92-0	Polyoxyethylene alkylether	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318	6.1D (oral), 6.3B 8.3A, 9.1D (fish), 9.1D (crustacean) 9.3B	< 0.01%
	Non-hazardous ingredients			85 ~ 90 %

### 4. First Aid Measures

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Remove contact lenses, if present and easy to do. Get medical attention.

**Skin:** Wash skin with plenty of soap and water. Get medical attention if irritation persists.

**Ingestion:** Do not induce vomiting. If symptoms persist consult doctor.

**Inhalation:** Supply fresh air; consult doctor in case of complaints.

### 5. Fire Fighting Measures

#### Flammable Properties

**Flash Point:** Not flammable (>150 degC)

**Flammable Limits:** Not applicable

**Auto Ignition Temperature:** Not applicable

**Hazardous Combustion Products:** Not known

**Extinguishing Media:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Fire Fighting Instructions:** No special measures required.

### 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Not required.

**Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**Methods and material for containment and cleaning up:** Pick up mechanically.

#### Reference to other sections

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information

### 7. Handling and Storage

#### Handling:

**Precautions for safe handling** No special measures required.

**Information about fire - and explosion protection:** No special measures required.

**Conditions for safe storage, including any incompatibilities**

#### Storage:

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** None.

**Specific end use(s)** No further relevant information available.

### 8. Exposure Controls, Personal Protection

**Additional information about design of technical facilities:** No further data; see item 7.

#### Control parameters

**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** The lists valid during the making were used as basis.

**Exposure controls**

**Personal protective equipment:**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not required.

**Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Not required

## 9. Physical and Chemical Properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Solid  
Colour: According to product specification

· **Odour:** Characteristic

· **Odour threshold:** Not determined.

· **pH-value:** Not applicable.

· **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Undetermined.

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not determined.

· **Ignition temperature:**

Decomposition temperature: Not determined.

· **Self-igniting:** Product is not self-igniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

Lower: Not determined.

Upper: Not determined.

· **Vapour pressure:** Not applicable.

· **Density:** Not determined.

· **Relative density** Not determined.

· **Vapour density** Not applicable.

· **Evaporation rate** Not applicable.

· **Solubility in / Miscibility with water:** Soluble.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

Dynamic: Not applicable.

Kinematic: Not applicable.

- **Solvent content:**
  - Organic solvents:** 0.0 %
  - Solids content:** 100.0 %
- **Other information** No further relevant information available.

## 10. Stability and Reactivity

### Reactivity

### Chemical stability

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Possibility of hazardous reactions** No dangerous reactions known.

**Conditions to avoid** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** No dangerous decomposition products known.

## 11. Toxicological Information

**Acute Toxicity:** No toxicological effects known

**Acute Dermal Toxicity:** No toxicological effects known

**Additional toxicological information:** None

**Carcinogenicity:** (NTP) No, (IARC) No

## 12. Ecological Information

### Toxicity

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability:** No further relevant information available.

### Behaviour in environmental systems:

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

### Additional ecological information:

**General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

## 13. Disposal Considerations

### Waste treatment methods

**Recommendation** Smaller quantities can be disposed of with household waste.

### Uncleaned packaging:

**Recommendation:** Disposal must be made according to official regulations.

## 14. Transport Information

**NZS 5433:1999:** Not classed as dangerous goods

**IMO Regulations:** Not IMO hazardous material

**ICAO and IATA Regulations:** Not ICAO/IATA hazardous material

## 15. Regulatory Information

Regulated as a medical device class 1. Hazard classification according to the *EPA guidance, Thresholds and Classifications under the Hazardous Substances and New Organisms Act 1996* and the Land Transport Rule 45001/1 Dangerous Goods 2005.

Exposure limits according to "Workplace Exposure Standards and Biological Exposure Indices 7<sup>th</sup> Edition. S.D.S prepared in accordance with the Approved Code of Practice under the HSNO Act 1996 for the Preparation of Safety Data Sheets HSNO CoP 8-1 09-06

**16. Other Information**

No specific information available.

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