

## **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 Blue - 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 serious 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 %
	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 %

· **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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