

SDS No. 05-2-015-(1)-E, GC Fuji Ortho – Powder

SAFETY DATA SHEET

Number: 05-2-015-(1)-E

Date prepared: 2002 August 8, 2002

Date Revised: 2016 Mar 15

1. Chemical Product and Company Identification

Product code: -

Product name: GC Fuji Ortho - Powder

Manufacturer / Supplier:

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

Postal code 174-0-052 Phone 81-3-3965-1388, Fax 81-3-3965-1276

2. Hazards Identification

Pictograms or hazard symbols (Referring to Silicon dioxide)



Hazard statement(s): Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled.

Precautionary statement(s): Get medical advice/ attention if you feel unwell.

3. Composition / Information on Ingredients

(% chemical components by WT)

Fluoro-alumino-silicate glass	100
Pigment	Trace

4. First Aid Measures**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. Fire Fighting Measures**5.1 Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Silicon oxides

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures**6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

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For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. Handling and Storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Storage class (TRGS 510): Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. Exposure Controls, Personal Protection

(Referring to Silicon dioxide)

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N99 (US) or type P2 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. Physical and Chemical Properties

Appearance: Light yellow powder.

Odor: Odorless

Boiling Point: No data

Vapor Pressure: Not determined.

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Vapor Density: Not determined.
Solubility in Water: Not soluble.
Specific Gravity: No data
Freezing Point: No data
pH: No data
Volatile: Not applicable.

10. Stability and Reactivity

Stability: Stable (reactive with acid components)
Incompatibility: Hydrofluoric acid
Hazardous Decomposition Products: No dangerous decomposition products known.
Hazardous Polymerization: No dangerous polymerization known.

11. Toxicological Information

Acute Toxicity:
on the skin: Irritant to skin and mucous membranes.
on the eye: Irritating effect.
Additional toxicological information: No special information on toxicology.

12. Ecological Information

No data are available on the adverse effects of this material on the environment.

13. Disposal Considerations

Must not be disposed together with household garbage. Do not allow product to reach sewage system.
It is recommended to consult local or state regulations regarding proper disposal.

14. Transport Information

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

15. Regulatory Information

According to the Japanese regulations or code, this material is not classified as a hazardous material.
It is recommended however to consult local regulations of the region or state to determine its identification.

16. Other Information

No specific notes available.

The information herein is given in good faith, but no warranty expressed or implied, is made.