

SDS No. 07-1-033-(1)-E, Dentin Conditioner

**SAFETY DATA SHEET**

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**Number: 07-1-033-(1)-E****Date prepared: 2002 Aug. 08.****Date revised: 2020 Apr. 24.****1. Chemical Product and Company Identification****Product name: Dentin Conditioner****Manufacturer/Supplier:****GC Corporation, 76-1 Hasunuma-Cho, Itabashi-Ku, Tokyo, Japan****Postal code 174-8585, Phone 81-3-3965-1388****2. Hazards Identification**

Emergency Overview:

Highly flammable. May cause irritation to eyes and skin. May cause sensitization by skin contact.

**Pictograms of hazard symbol****Potential Health Effects**

Eye: Irritating eyes with redness and pain.

Skin: Irritating skin. Symptoms include redness, itching and pain. May cause allergic skin reactions

Inhalation: Inhalation of vapors irritates the respiratory tract.

Ingestion: May cause diarrhea, nausea and vomiting.

**3. Composition / Information on Ingredients**

<b>Composition</b>	<b>WT%</b>
Distilled water	90
Polyacrylic acid	10
Colorant	Trace

**4. First Aid Measures**

Eyes: Flush eyes with plenty of water for at least 15 minutes.

Skin: Immediately wash with water and soap and rinse thoroughly.

Ingestion: If symptoms persist, get medical attention.

Inhalation: In case of unconsciousness, place patient stably in side position for transportation.

**5. Fire Fighting Measures**

This product is not flammable. Following measures are for polyacrylic acid.

**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**

Carbon oxides

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**6. Accidental Release Measures****Measures for environmental protection:** No special measures required.

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**Measures for cleaning/collections:** Absorb with liquid-binding material. (sand, diatomite, acid binders, universal binders, sawdust)

## 7. Handling and Storage

### Precautions for safe handling

**Technical measures:** Handling is performed in a well ventilated place. Wear suitable protective equipment.

Prevent generation of vapour or mist. Keep away from heat/sparks/open flame/hot surfaces. -No smoking. Take measures to prevent the build up of electrostatic charge. Use explosion-proof equipment. Wash hands and face thoroughly after handling.

Use a closed system if possible. Use a ventilation, local exhaust if vapour or aerosol will be generated.

**Advice on safe handling:** Avoid all contact!

### Conditions for safe storage, including any incompatibilities

**Storage conditions:** Keep container tightly closed. Store in a cool, dark and well-ventilated place. Store locked up. Store away from incompatible materials such as oxidizing agents.

**Packaging material:** Comply with laws.

## 8. Exposure Controls, Personal Protection

**Engineering controls:** Install a closed system or local exhaust. Also install safety shower and eye bath.

**Control parameters:** Not set up

### Personal protective equipment

**Respiratory protection:** Half or full facepiece respirator, self-contained breathing apparatus(SCBA), supplied

air respirator, etc. Use respirators approved under appropriate government standards and follow local and national regulations.

**Hand protection:** Impervious gloves.

**Eye protection:** Safety goggles. A face-shield, if the situation requires.

**Skin and body protection:** Impervious protective clothing. Protective boots, if the situation requires.

## 9. Physical and Chemical Properties

**Appearance:** Blue liquid.

**Odor:** Odorless

**Boiling Point:** Not determined

**Vapor Pressure:** Not determined.

**Vapor Density:** Not determined.

**Solubility in Water:** Difficult to mix.

**Specific Gravity:** No data

**Freezing Point:** No data

**pH:** 1.9 at 20 degC

**Volatility:** Not determined.

## 10. Stability and Reactivity

**Stability:** Stable

**Incompatibility:** Non

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

**Hazardous Polymerization:** No dangerous polymerization known.

## 11. Toxicological Information

**Acute Toxicity:** LD50 Oral - Rat - 2.500 mg/kg (Referring to Polyacrylic acid)

**on the skin:** Irritant to skin and mucous membranes.

**on the eye:** Irritating effect.

**Additional toxicological information:** No special information on toxicology.

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

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## **12. Ecological Information**

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

## **13. Disposal Considerations**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to the local official regulations.

## **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 information available.

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