

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**EcusitCompositeRepairMMAfree**

Print date: 21.04.2016

Product code: 2240

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

EcusitCompositeRepairMMAfree

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet**

|               |  |                                 |
|---------------|--|---------------------------------|
| Company name: | DMG Chemisch-Pharmazeutische Fabrik GmbH |                                 |
| Street:       | Elbgaustraße 248                         |                                 |
| Place:        | D-22547 Hamburg                          |                                 |
| Telephone:    | +49. (0) 40. 84006-0                     | Telefax: +49. (0) 40. 84006-222 |
| e-mail:       | info@dmg-dental.com                      |                                 |
| Internet:     | www.dmg-dental.com                       |                                 |

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Dam. 1

Respiratory/skin sensitization: Skin Sens. 1

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

May cause respiratory irritation.

Causes serious eye damage.

Causes skin irritation.

May cause an allergic skin reaction.

**2.2. Label elements**

Signal word:

Warning

Pictograms:

GHS05-GHS07

**Hazard statements**

|      |                                      |
|------|--------------------------------------|
| H335 | May cause respiratory irritation.    |
| H318 | Causes serious eye damage.           |
| H315 | Causes skin irritation.              |
| H317 | May cause an allergic skin reaction. |

**Precautionary statements**

|                |  |
|----------------|--|
| P312           | Call a POISON CENTER/doctor if you feel unwell.  |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.   |
| P333+P313      | If skin irritation or rash occurs: Get medical advice/attention.   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.   |

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

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**Chemical characterization**

chemical characterization (preparation): Acrylate.-resin.

**Hazardous components**

| EC No      | Chemical name   | Quantity  |
|------------|---|-----------|
| CAS No     | Classification according to Directive 67/548/EEC                |           |
| Index No   | Classification according to Regulation (EC) No. 1272/2008 [CLP] |           |
| REACH No   |   |           |
|            | Bis-GMA   | 35 - 40 % |
| 1565-94-2  | Xi - Irritant R41-43  |           |
|            |   |           |
|            | Dimethacrylate Resin  | 15 - 20 % |
| 41637-38-1 | Xi - Irritant R36/37/38-43                                      |           |
|            |   |           |

Full text of R-, H- and EUH-phrases: see section 16.

**SECTION 4: First aid measures****4.1. Description of first aid measures****After inhalation**

Move victim to fresh air. Put victim at rest and keep warm.

**After contact with skin**

After contact with skin, wash immediately with: Water and soap.

**After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**After ingestion**

Consult physician.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**Water fog. Extinguishing powder. Sand. Foam. Carbon dioxide (CO<sub>2</sub>).**Unsuitable extinguishing media**

High power water jet.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Wear suitable protective clothing.

**6.2. Environmental precautions**

Do not empty into drains or the aquatic environment.

**6.3. Methods and material for containment and cleaning up**

Collect mechanically.

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Keep container tightly closed. Avoid contact with eyes.

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Wear suitable protective clothing and gloves.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed. Keep in a cool, well-ventilated place.

Store only in original container.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.2. Exposure controls****Appropriate engineering controls**

Provide adequate ventilation.

**Protective and hygiene measures**

Change contaminated clothing.

**Eye/face protection**

Tightly sealed safety glasses.

**Hand protection**

Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).

**Skin protection**

When using do not eat or drink.

**Respiratory protection**

The following must be prevented: inhalation. Filter respirator (full mask or mouth-piece) with filter: A

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|                 |        |
|-----------------|--------|
| Physical state: | liquid |
| Colour:         | yellow |
| Odour:          | ester  |

|  | Test method           |
|--|-----------------------|
| pH-Value:                                | 3,5                   |
| <b>Changes in the physical state</b>     |                       |
| Initial boiling point and boiling range: | 200 °C                |
| Temperature of decomposition::           | 60 °C                 |
| Flash point:                             | 125 °C                |
| <b>Explosive properties</b>              |                       |
| not determined                           |                       |
| Vapour pressure:                         | 1 hPa                 |
| Density:                                 | 1,1 g/cm <sup>3</sup> |
| Water solubility:<br>(at 20 °C)          | 100 g/L               |
| Vapour density:                          | > 1                   |

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### SECTION 10: Stability and reactivity

#### 10.4. Conditions to avoid

heat.

Decomposition takes place from temperatures above: 60 °C

#### 10.5. Incompatible materials

radical former. Keep away from strong acids, leachates, heavy metal salts and reducing materials.

#### 10.6. Hazardous decomposition products

Can be released in case of fire: Gas / vapours, irritant. (Acrylate., pungent)

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

LD50: Rat. 1.000 mg/kg

##### Irritation and corrosivity

Irritant effect on the skin: Frequently or prolonged contact with skin may cause dermal irritation.

Irritant effect on the eye: irritant. Risk of serious damage to eyes.

##### Additional information on tests

Contains Methacrylic esters.: May produce an allergic reaction.

### SECTION 12: Ecological information

#### 12.2. Persistence and degradability

No data available

#### Further information

Do not empty into drains or the aquatic environment. Leakage into the environment must be prevented.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

Paste: Carry out a burning of hazardous waste according to official regulations.

### SECTION 14: Transport information

#### Other applicable information

Not a hazardous material with respect to these transportation regulations.

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### National regulatory information

Water contaminating class (D): 2 - water contaminating

### SECTION 16: Other information

#### Relevant R-phrases (Number and full text)

36/37/38 Irritating to eyes, respiratory system and skin.

41 Risk of serious damage to eyes.

43 May cause sensitisation by skin contact.

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**Relevant H- and EUH-phrases (Number and full text)**

|      |                                      |
|------|--------------------------------------|
| H315 | Causes skin irritation.              |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage.           |
| H335 | May cause respiratory irritation.    |

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*