

# Safety Data Sheet

## Luxatemp Fluorescence

Product code: 110585-110589, 110710, 110719, 110722-110723 (1300\_GHS)

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Luxatemp Fluorescence

#### 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 AMERICA LLC  
Address: 242 South Dean Street  
City, State, Zip Code: Englewood, NJ. 07631  
Telephone: (800) 662-6383  
email address: [Info@dmg-america.com](mailto:Info@dmg-america.com)  
Website: [www.dmg-america.com](http://www.dmg-america.com)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Indications of danger: Xi - Irritant  
R phrases:  
Irritating to eyes, respiratory system and skin.  
May cause sensitisation by skin contact.

#### **GHS classification**

Hazard Statements:  
May cause respiratory irritation.  
Causes serious eye irritation.  
Causes skin irritation.  
May cause an allergic skin reaction.

#### 2.2. Label elements

Signal word: Warning  
Pictograms: GHS07



#### **Hazard statements**

H335 May cause respiratory irritation.  
H319 Causes serious eye irritation.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.

#### **Precautionary statements**

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.

#### 2.3. Other hazards

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

### 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             |          |
| Index No   | GHS classification         |          |
| REACH No   |                            |          |
|            | Dimethacrylate Resin       | 35-45 %  |
| 41637-38-1 | Xi - Irritant R36/37/38-43 |          |
|            |                            |          |

Full text of R and H phrases: see Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Exposition vermeiden. Provide fresh air. 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>).

#### Extinguishing media which must not be used for safety reasons

High power water jet.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation.

### 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. Wear suitable protective clothing and gloves. Avoid contact with eyes.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

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

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Store only in original container.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls



#### Protective and hygiene measures

When using do not eat or drink.

#### Respiratory protection

The following must be prevented: inhalation.

#### Hand protection

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

#### Eye protection

Tightly sealed safety glasses.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|                 |                |
|-----------------|----------------|
| Physical state: | Paste          |
| Colour:         | characteristic |
| Odour:          | ester          |

|                      | Test method |
|----------------------|-------------|
| pH-Value (at 20 °C): | ca. 7       |

#### Changes in the physical state

|                                |                       |
|--------------------------------|-----------------------|
| Boiling point:                 | >250 °C               |
| point of decomposition:        | 200 °C                |
| Flash point:                   | >150 °C               |
| Ignition temperature:          | >380 °C               |
| Vapour pressure:<br>(at 20 °C) | 1 hPa                 |
| Density:                       | 1,5 g/cm <sup>3</sup> |
| Water solubility:              | 10 g/L                |
| Vapour density:                | 1                     |

### SECTION 10: Stability and reactivity

#### 10.4. Conditions to avoid

heat. Light.

Decomposition takes place from temperatures above: 200 °C

Decomposition under formation of: Acrylate.

#### 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). nitrogen oxides (NO<sub>x</sub>).

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

LD50: Rat. 5000 mg/kg

##### Irritation and corrosivity

Frequently or prolonged contact with skin may cause dermal irritation.

Irritant effect on the eye:

##### Additional information on tests

Contains Methacrylic esters.: May produce an allergic reaction.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Acute fish toxicity LC50: >360 mg/l/48h

#### 12.2. Persistence and degradability

Preparation not tested.

#### Further information

Do not empty into drains or the aquatic environment.

### 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.

##### Waste disposal number of waste from residues/unused products

180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing dangerous substances  
Classified as hazardous waste.

### 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

### SECTION 16: Other information

#### Full text of R phrases referred to under Sections 2 and 3

36/37/38 Irritating to eyes, respiratory system and skin.  
43 May cause sensitisation by skin contact.

#### Full text of H statements referred to under Sections 2 and 3

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.

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H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

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