

# Safety Data Sheet

## LuxaCore Automix Dual

Product code: 212011-212012, 212033, 212058, 212126-212127 (2010\_GHS)

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

#### 1.1. Product identifier

LuxaCore Dual

#### 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.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

#### **Chemical characterization**

chemical characterization (preparation): Acrylate.-resin.

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### 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 |           |
|            |                            |           |
|            | Bis-GMA                    | 15 - 25 % |
| 1565-94-2  | Xi - Irritant R41-43       |           |
|            |                            |           |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

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

Immediately get medical attention.

## 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.

### 5.2. Special hazards arising from the substance or mixture

CO<sub>x</sub>, NO<sub>x</sub>

## SECTION 6: Accidental release measures

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

Wear suitable protective clothing. 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.

## 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

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### Requirements for storage rooms and vessels

Keep container tightly closed 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



### Occupational exposure controls

Ensure adequate ventilation of the storage area.

### 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:         | yellow      |
| Odour:          | like: ester |

|                      | Test method    |
|----------------------|----------------|
| pH-Value (at 20 °C): | not applicable |

### Changes in the physical state

|                                 |                       |
|---------------------------------|-----------------------|
| point of decomposition:         | > 200 °C              |
| Flash point:                    | > 150 °C              |
| Density:                        | 1.8 g/cm <sup>3</sup> |
| Water solubility:<br>(at 20 °C) | 1 g/L                 |
| Vapour density:                 | > 1                   |

## SECTION 10: Stability and reactivity

### 10.4. Conditions to avoid

Light. heat.  
Decomposition takes place from temperatures above: 200 °C  
Decomposition under formation of: Acrylate.

### 10.5. Incompatible materials

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)

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### Further information

Substances sensitive to light.

## 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:

#### Sensitising effects

May cause sensitization by skin contact.

#### Additional information on tests

Contains Methacrylic esters.: May produce an allergic reaction.

## SECTION 12: Ecological information

### 12.2. Persistence and degradability

Preparation not tested.

### 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.

#### 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

Water contaminating class (D): 2 - water contaminating

## 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.

41 Risk of serious damage to eyes.

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

### Further Information

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*The data for the hazardous ingredients were taken respectively from the last version (09/05/2013) of the sub-contractor's safety data sheet.*