

# Safety Data Sheet

## LuxaFlow

Product code: 211751, 211753-211756 (2010\_GHS)

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

#### 1.1. Product identifier

LuxaFlow

#### 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

Classification according to Directive 67/548/EEC or 1999/45/EC

Indications of danger: Xi - Irritant

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard categories:

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

May cause respiratory irritation.

Causes serious eye damage.

Causes serious eye irritation.

Causes skin irritation.

May cause an allergic skin reaction.

#### 2.2. Label elements

Signal word: Danger

Pictograms: GHS07



#### Hazard statements

H335	May cause respiratory irritation.
H318	Causes serious eye damage.
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 water.
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		
	Dimethacrylate Resin	< 45 %
41637-38-1	Xi - Irritant R36/37/38-43	
	Bis-GMA	15 - 35 %
1565-94-2	Xi - Irritant R41-43	

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

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>).

#### Unsuitable extinguishing media

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

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### 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.  
Store only in original container.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls



#### Appropriate engineering controls

Ensure adequate ventilation of the storage area.

#### Protective and hygiene measures

When using do not eat or drink.

#### Eye/face protection

Tightly sealed safety glasses.

#### Hand protection

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

#### Respiratory protection

The following must be prevented: inhalation.

## 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: 1 g/L  
(at 20 °C)

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.

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### 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)

### 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

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### 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.         |

#### 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.           |
| 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 of the sub-contractor's safety data sheet.*