

6173

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Luxatemp Glaze & Bond

Print date: 02.07.2014

Product code: 2500_GHS

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

1.1. Product identifier

Luxatemp Glaze & Bond

Product group: Endprodukt

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

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

GHS classification

Hazard Statements:
Highly flammable liquid and vapour.
May cause respiratory irritation.
Causes skin irritation.
May cause an allergic skin reaction.

2.2. Label elements

Signal word: Danger
Pictograms: GHS02-GHS07



Hazard statements

H225	Highly flammable liquid and vapour.
H335	May cause respiratory irritation.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

Precautionary statements

P403	Store in a well-ventilated place.
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.
P273	Avoid release to the environment.
P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

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		
201-297-1	methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; methyl methacrylate	40 - 95 %
80-62-6	F - Highly flammable, Xi - Irritant R11-37/38-43	
607-035-00-6	Flam. Liq. 2, STOT SE 3, Skin Irrit. 2, Skin Sens. 1; H225 H335 H315 H317	

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

Consult physician.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**Extinguishing powder. Sand. Foam. Carbon dioxide (CO₂).**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

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**

Wear suitable gloves.

Avoid contact with eyes.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Use explosion-protected machinery, apparatus, suction equipment, appliances etc.

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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.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
80-62-6	Methyl methacrylate	50	208		TWA (8 h)	WEL
		100	416		STEL (15 min)	WEL

Additional advice on limit valuesexposure limit values: (MMA): 210 mg/m³; 50 ml/m³**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

Filter respirator (full mask or mouth-piece) with filter: A

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:	liquid
Colour:	yellow
Odour:	ester

Test method

pH-Value: not applicable

Changes in the physical state

point of decomposition: > 100 °C

Flash point: 10 °C

Lower explosion limits: 2,1 vol. %

Upper explosion limits: 12,5 vol. %

Ignition temperature: > 430 °C

Vapour pressure: 40 hPa
(at 20 °C)

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Density:

ca. 1,1 g/cm³

Vapour density:

> 1

SECTION 10: Stability and reactivity**10.4. Conditions to avoid**

heat. Light.

Decomposition takes place from temperatures above: 100 °C

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****Specific effects in experiment on an animal**

LD50: (Rat.)

> 5.000 mg/kg

Irritation and corrosivity

Irritant effect on the eye: In rare cases, product may cause temporary redness of the skin.

Frequently or prolonged contact with skin may cause dermal irritation.

Sensitising effects

May cause sensitization by skin contact.

Additional information on tests

Contains Methyl methacrylate.: May produce an allergic reaction.

May cause sensitization by skin contact.

SECTION 12: Ecological information**12.1. Toxicity**

Product is partially biodegradable. >50 %

Acute fish toxicity LC50: > 79 mg / l / 96 h

12.2. Persistence and degradability

Preparation not tested.

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.

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.

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SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number: 1247
14.2. UN proper shipping name: METHYL METHACRYLATE MONOMER, STABILIZED
14.3. Transport hazard class(es): 3
14.4. Packing group: II
Hazard label: 3



Classification code: F1
Limited quantity: 1 L
Transport category: 2
Hazard No: 339
Tunnel restriction code: D/E

Other applicable information (land transport)

E2

Marine transport (IMDG)

14.1. UN number: 1247
14.2. UN proper shipping name: METHYLMETHACRYLAT MONOMER, STABILISIERT
14.3. Transport hazard class(es): 3
14.4. Packing group: II
Hazard label: 3



Special Provisions: -
Limited quantity: 1 L
EmS: F-E, S-D

Other applicable information (marine transport)

E2

Air transport (ICAO)

14.1. UN number: 1247
14.2. UN proper shipping name: METHYLMETHACRYLAT MONOMER, STABILISIERT
14.3. Transport hazard class(es): 3
14.4. Packing group: II
Hazard label: 3



Limited quantity Passenger: 1 L
IATA-packing instructions - Passenger: 353
IATA-max. quantity - Passenger: 5 L
IATA-packing instructions - Cargo: 364
IATA-max. quantity - Cargo: 60 L

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Other applicable Information (air transport)

E2

: Y341

14.5. Environmental hazards

Dangerous for the environment: no

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): 1 - slightly water contaminating

SECTION 16: Other information**Full text of R phrases referred to under Sections 2 and 3**

- | | |
|-------|--|
| 11 | Highly flammable. |
| 37/38 | Irritating to respiratory system and skin. |
| 43 | May cause sensitisation by skin contact. |

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

- | | |
|------|--------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H335 | May cause respiratory irritation. |

Further Information

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