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Trade Name

Mega-M liquid

1. Identification of the substance/preparation and of the company

Information of the product:

Trade name

Mega-M liquid

Information of the manufacturer:

MEGADENTA Dentalprodukte GmbH

Carl-Eschebach-Str. 1 A; D-01454 Radeberg, Germany

Phone: +49(0)3528-453-0

Fax : +49(0)3528-453-21

Information provided by:

Phone: +49(0)3528- 453-14

Emergence telephone:

+49(0)3528-453-11

2. Composition/ information on ingredients

90% Methylmethacrylat, Dimethacrylate, stabilisators, initiatoren, CAS. Nr.: 80-62-6,
EG-Nr.: 607-035-00-6, EINECS-Nr.: 201-297-1

3. Hazards identification

Unhealthy if it's swallowed; no open fire

4. First aid measures

General information

No special measures

After inhalation

Move to fresh air.

After contact with skin

No special measures

After contact with eyes

Rinse with water. Seek medical advice if irritation develops.

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5. Fire- fighting measures

Suitable extinguishing media
CO2, powder, waterspray

Special protective equipment for fire fighting
water jet

6. Accidental release measures

Precautionary measures related to people
not open flame

Environmental protective measures
Not necessary

Methods of cleaning/ adsorption
Not applicable

7. Handling and storage

Handling

Instructions on safe handling
Not to use if open flame is in the near.

Information on fire and explosion protection
Not to use in the near of ignition source.

Storage requirements
Requirements for storage areas and containers
Not above 30°C; keep container closed.

8. Exposure controls/ personal protection

Additional information's about shaping of technical constructions
No further information's.

Exposure limits
MAK (Methylmethacrylat): 210mg/m³

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8.Exposure controls/ personal protection (continued)

Personal protection
no specific recommendations

General protective measures
Keep common hygiene for the job.

Breath protection
not required, by higher concentration required

Eye protection
required.

Body protection
gloves required

9. Physical and chemical properties

Appearance

Form - watered cleaning cloth
Colour - transparent
Odour - like methacrylate

Data relevant to safety

Changes in physical state (Methacrylate):

Melting point < - 90 °C

Boiling point > 82°C

Flash point:
10°C (DIN 51758)

Flammability:
425 °C

Autoignition temperature
none

Danger of explosion
No danger of explosion.

Explosion limit
2 - 12 Vol%

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9. Physical and chemical properties (continued)

Vapour pressure
38,7 hpa (20°C)

Density
1,1 g/ccm

Solubility in water
15,9 g / l

pH-value
not applicable

10. Stability and reactivity

Thermal decomposition
No decomposition when used as prescribed.

Hazardous reaction
None

Hazardous decomposition products
No when used as prescribed.

11. Toxicological information

Acute oral toxicity (Mehtylmethacrylate;LD 50):
> 5000mg/kg
Species rat (on human were 8600 mg/kg deadly)

Skin irritation
Non-irritant

Irritant effect on the eyes
Non-irritant

Further information on toxicology
Non-carcinogenic as app. II GefStoffV., no named on app. III of TRGS 900.

After existing experiences and information's there are none unhealthy effects when used as prescribed.

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12. Ecological information

Not harmful to the environment.

13. Disposal consideration

Product

Small quantities could be given into the household waste.

Package

The box can be reused after cleaning or recycled.

14. Transport information

Land transport ADR/RID and GGVS/GGVE
(Across the border/ home)

ADR/RID:

3/ 3b

GGVS/GGVE

3/ 3b

Sea transport IMDG/GGV sea

IMDG/GGV sea

3.2/ II/ 1219

Air transport ICAO-II/IATA-DGR

ICAO-II/IATA -DGR

1247/ 3/ II

Further information

None

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15.Regulatory information

Mark as ECC-guideline
Not necessary to mark

National regulations
Classification as VFB
Not subordinated

Water endangering class
1 (self classification)

16. Other information

That information describes exclusive safety requirements of the product and based on the present knowledge.

They don't represent assurance of properties of the product as defined by the lawful guarantee of the regulation.