



Product Name: Duplicating Silicone transparent, component A

REF: 41000, 41001, 41003, 41006

Date of print: 10.01.2017 Date of last alteration: 10.01.2017



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

1.1. Product identifier

Duplicating Silicone transparent, component A

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture

Model and mould making

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor: egger Otoplastik+Labortechnik GmbH

Street/POB-No.: Aybühlweg 59

Postal code/city/country: 87439 Kempten/Germany

Telephone: +49 831 58113-60

Telefax: +49 831 58113-14

Internet: www.egger-labor.com

E-mail: sales@egger-labor.de

1.4. Emergency telephone number: +49 89 19240

Emergency number: Munich, Germany, toxicological dep. of the II. Med. Hospital)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.2. Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

Precautionary statements

Prevention: P233 - keep container tightly closed.

2.3. Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical nature

Silicone polymer, crosslinking by addition.

Remarks

No hazardous ingredients.



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SECTION 4: First aid measures

4.1. Description of first aid measures

General advice

Take off all contaminated clothing immediately.

If inhaled

Move to fresh air.

If symptoms persist, call a physician.

In case of skin contact

In case of skin contact remove mechanically with cloth or paper. Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.

In case of eye contact

Immediately flush eye(s) with plenty of water. If symptoms persist, call a physician.

If swallowed

Rinse mouth with water. Do NOT induce vomiting. Call a physician immediately.

4.2. Most important symptoms and effects, both acute and delayed

Risks

Refer to section 2 and 11.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂)

Water spray

Dry powder

Alcohol-resistant foam

Unsuitable extinguishing media

High volume water jet

5.2. Special hazards arising from the substance or mixture

Specific hazards during fire-fighting

Hazardous decomposition products formed under fire conditions.

Can be released in case of fire:

Carbon oxides

Silica

5.3. Advice for firefighters

Special protective equipment for firefighters

In the event of fire, wear self-contained breathing apparatus.



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Further information

In case of fire do not inhale smoke, conflagration gases and steams. Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Contaminated surfaces will be extremely slippery.

6.2. Environmental precautions

The product should not be allowed to enter drains, water courses or the soil. Pay attention to local or official regulations.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Clean contaminated surface thoroughly. Dispose of in accordance with local regulations.

6.4. Reference to other sections

Refer to protective measures listed in sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide sufficient air exchange and/or exhaust in work rooms.

Advice on protection against fire and explosion

Normal measures for preventive fire protection. Keep away from heat and sources of ignition.

Hygiene measures

Avoid contact with skin, eyes and clothing. Do not breathe vapours, aerosols. Take off all contaminated clothing immediately. Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

Do always store in containers which correspond to the original ones. Keep container tightly closed. Keep in a dry, cool place.

Further information on storage conditions

Protect from frost. Protect from humidity and keep away from water.

Advice on common storage

Incompatible with acids and bases.

Storage class (TRGS 510)

10, combustible liquids.

7.3. Specific end use(s)

Specific use(s)

Consult the technical guidelines for the use of this substance/mixture.



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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Engineering measures

Solids with occupational exposure limits in liquid preparations do not cause an exposure in the work-place, because they are not present in a respirable form. Exposure can occur in the form of aerosols or after drying of the liquid the solids remain, possibly in a finely dispersed form. Provide sufficient air exchange and/or exhaust in work rooms.

Personal protective equipment

Eye protection

Safety glasses

Hand protection

Material: Nitrile rubber

Break through time: > 480 min

Glove thickness: > 0,35 mm

Protective index: Class 6

Remarks

The obtained break through times according to EN 374 Part III are not measured under normal operating conditions. Therefore a maximum usage time of 50% of the break through time is recommended. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

Skin and body protection

Wear suitable protective clothing.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Recommended Filter type: Combination filter A/P.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: viscous

Colour: colourless

Odour: odourless

pH	Not applicable
Melting point/range	Melting point/range
Boiling point/boiling range	Melting point/range
Flash point	> 200 °C
Evaporation rate	Not applicable
Upper explosion limit	Not applicable
Lower explosion limit	Not applicable
Vapour pressure	No data available
Vapour density	Not applicable
Density	0,96 g/cm ³ (23 °C)



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Water solubility	insoluble
Partition coefficient: n-octanol/water	Not applicable
Auto-ignition temperature	not auto-flammable
Ignition temperature	> 400 °C
Thermal decomposition	> 200 °C
Viscosity, dynamic	9.000 mPa.s (23 °C)
Oxidizing properties	Not applicable

9.2. Other information

Conductivity

Not determined.

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazards to be specially mentioned.

10.2. Chemical stability

The product is chemically stable.

10.3. Possibility of hazardous reactions

Hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Protect from moisture.

10.5. Incompatible materials

Materials to avoid

Acids

Bases

10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Product:

Acute oral toxicity

Based on available data, the classification criteria are not met.

Acute inhalation toxicity

Based on available data, the classification criteria are not met.

Acute dermal toxicity

Based on available data, the classification criteria are not met.



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Skin corrosion/irritation

Product:

Prolonged skin contact may cause skin irritation.

Serious eye damage/eye irritation

Product:

Contact with eyes may cause irritation.

Respiratory or skin sensitisation

Product:

No known sensitising effect.

Germ cell mutagenicity

Product:

Germ cell mutagenicity- Assessment

Based on available data, the classification criteria are not met.

Carcinogenicity

Product:

Carcinogenicity - Assessment

Based on available data, the classification criteria are not met.

Reproductive toxicity

Product:

Reproductive toxicity - Assessment

Based on available data, the classification criteria are not met.

STOT - single exposure

Product:

Based on available data, the classification criteria are not met.

STOT - repeated exposure

Product:

Based on available data, the classification criteria are not met.

Aspiration toxicity

Product:

Based on available data, the classification criteria are not met.

Further information

Product:

If used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

SECTION 12: Ecological information

12.1. Toxicity

Product:

Toxicity to fish

No data is available on the product itself.



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Toxicity to daphnia and other aquatic invertebrates

No data is available on the product itself.

Toxicity to algae

No data is available on the product itself.

Toxicity to bacteria

No data is available on the product itself.

12.2. Persistence and degradability

Product:

Biodegradability

No data is available on the product itself.

Physico-chemical removability

The product is insoluble and floats on water. May be separated mechanically in waste water plants.

12.3. Bioaccumulative potential

Product:

Bioaccumulation

No data is available on the product itself.

Partition coefficient: n-octanol/water

Not applicable

12.4. Mobility in soil

Product:

Mobility

No data available

12.5. Results of PBT and vPvB assessment

Product:

Assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6. Other adverse effects

Product:

Additional ecological information

According to our knowledge, the product does not contain heavy metals and other compounds of EC directive 2000/60 EC. The product is insoluble in water, therefore the ecological data such as, e.g. biodegradability, COD, BOD5 values cannot be determined analytically.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product

Pay attention to local or official regulations.

Contaminated packaging

Pay attention to local or official regulations.



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SECTION 14: Transport information

14.1. UN number

ADR: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.2. Proper shipping name

ADR: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3. Transport hazard class

ADR: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.4. Packing group

ADR: Not dangerous goods

IMDG: Not dangerous goods

Segregation group: -

IATA: Not dangerous goods

14.5. Environmental hazards

ADR: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.6. Special precautions for user

Remarks

see chapter 6 - 8

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical safety assessment

not required

SECTION 16: Other information

Further information

Other information

This data sheet contains changes from the previous version in section(s):

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