

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



60050 Mastic

Page 1

Revised edition: 22.01.2014

Version: 1

Printed: 15.09.2015

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Mastic

Article No.: 60050

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:

*Stabilizer.
Emulsifier, thickening agent
Pharmaceutical and cosmetic products
Perfume manufacture
Production of dental prostheses in the dental laboratory
Food industry
Surface treatment
Aroma*

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Kremer Pigmente GmbH & Co. KG

Address: Hauptstr. 41-47, 88317 Aichstetten, Germany

Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606

Internet: www.kremer-pigmente.de

E-Mail: info@kremer-pigmente.de

Importer: --

1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

2. Hazards Identification

2.1. Classification of the Substance or Mixture

*Classification according to EC
Regulation 1272/2008*

This product does not require classification and labelling as hazardous according to CLP/GHS.

*Classification according to EC
Regulation No. 67/548 or No. 1999/45*

The material is not subject to classification according to EC lists.

Safety Phrases:

Possible Environmental Effects:

2.2. Label Elements

*Classification according to EC
Regulation 1272/2008*

No classification required according to the CLP/GHS guidelines.

Hazard designation:

Not applicable.

Signal word:

next page: 2

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



60050 Mastic

Page 2

Revised edition: 22.01.2014

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Hazard designation:

Safety designation:

Hazardous components for labelling:

2.3. Other Hazards

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

This product is not a mixture.

Chemical Characterization:

CAS No. 61789-92-2, EINECS 263-098-6
Natural resin.

Hazardous Ingredients:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Take affected persons out into the fresh air.

After inhalation:

Supply fresh air.

After skin contact:

Wash off with plenty of water and soap.

After eye contact:

Rinse eyes with water.

After ingestion:

Rinse mouth with plenty of water.

If symptoms persist consult physician.

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

No further information available.

Effects:

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

No further information available.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Foam, CO2, dry extinguishing powder.

Unsuitable extinguishing media:

None known.

5.2. Special Hazards arising from the Substance or Mixture

next page: 3

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



60050 Mastic

Page 3

Revised edition: 22.01.2014

Version: 1

Printed: 15.09.2015

Special hazards:

In case of fire: formation of toxic or flammable gases.

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

Contaminated extinguishing water and debris should be disposed of according to local regulations.

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Avoid contact with skin, eyes and clothing.

Avoid formation of dust.

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soils, drains and surface water.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Take up mechanically and collect in suitable container for disposal. Rinse spill area. Avoid dust formation.

6.4. Reference to other Sections

For information for safe handling see Section 7.

Protective clothing, see Section 8.

See Section 13 for information on disposal.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Avoid formation of dust. Do not inhale dust.

Hygienic measures:

Take off contaminated clothing immediately.

Do not eat or drink during work. Do not smoke.

Do not inhale dust. Wash hands before breaks and at the end of work.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a dry and cool room.

Do not store together with: oxidants.

Requirements for storage areas and containers:

Keep container tightly closed.

Information on fire and explosion protection:

Dust may form an explosive mixture with air.

next page: 4

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



60050 Mastic

Page 4

Revised edition: 22.01.2014

Version: 1

Printed: 15.09.2015

Take measures to prevent static electricity discharge.

Storage class (VCI):

10-13

Further Information:

7.3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

Does not contain any components with workplace limit values.

Parameters to be controlled (EC):

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Personal Protection

General protective measures:

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

Respiratory protection:

In case of formation of dust.

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Eye protection:

Safety glasses (EN 166)

Body protection:

No special protection required.

Environmental precautions:

No special measures required.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: solid

Color: yellowish

Odor: light

Odor threshold:

No information available.

next page: 5

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



60050 Mastic

Page 5

Revised edition: 22.01.2014

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<i>pH-Value:</i>	<i>not available</i>
<i>Melting temperature:</i>	<i>105 - 120°C</i>
<i>Boiling temperature:</i>	<i>not available</i>
<i>Flash point:</i>	<i>not applicable</i>
<i>Evaporation rate:</i>	<i>not applicable</i>
<i>Flammability (solid, gas):</i>	<i>not applicable</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>not applicable</i>
<i>Vapor density:</i>	<i>This product is a non-volatile solid.</i>
<i>Density:</i>	<i>1.04 - 1.06 g/cm³ (20°C)</i>
<i>Solubility in water:</i>	<i>insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>no information available</i>
<i>Auto-ignition temperature:</i>	<i>No information available.</i>
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	<i>not applicable</i>
<i>Explosive properties:</i>	<i>Dust can form explosive mixtures with air.</i>
<i>Oxidizing properties:</i>	<i>no information available</i>
<i>Bulk density:</i>	

9.2. Further Information

<i>Solubility in solvents:</i>	<i>ether</i>
<i>Viscosity, kinematic</i>	
<i>Burning class:</i>	

next page: 6

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



60050 Mastic

Page 6

Revised edition: 22.01.2014

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Solvent content:

Solid content:

Particle size:

Other information:

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

Dust can form explosive mixtures with air.

10.4. Conditions to Avoid

Conditions to avoid:

Thermal decomposition:

No further information available.

10.5. Incompatible Materials

Strong oxidizing agents.

10.6. Hazardous Decomposition Products

No information available.

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

LD50, oral: > 5000 mg/kg (rat)

LD50, dermal: > 5000 mg/kg (rabbit)

LC50, inhalation: No information available.

Primary effects

Irritant effect on skin: No information available

Irritant effect on eyes: No information available.

Inhalation: No information available.

Ingestion: No information available

Sensitization: No information available.

Mutagenicity: No data available.

next page: 7

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



60050 Mastic

Page 7

Revised edition: 22.01.2014

Version: 1

Printed: 15.09.2015

Reproductive toxicity:

No data available.

Cancerogenity:

No data available.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No data available.

Additional toxicological information:

Aspiration hazard: not applicable

12. Ecological Information

12.1. Aquatic Toxicity

No information available.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

No data available.

12.6. Other Adverse Effects

Water hazard class:

2 (German Regulation) (Assessment by list): hazardous.

Behaviour in sewage systems:

Further ecological effects:

Do not discharge product uncontrolled into the environment.

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

Dispose of according to official national and local regulations.

European Waste Code (EWC):

Uncleaned packaging:

Packaging may be disposed of in the same manner as the product.

next page: 8

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



60050 Mastic

Page 8

Revised edition: 22.01.2014

Version: 1

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Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR (land transportation).

IMDG/IATA:

No hazardous goods according to IMDG.

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel no.:

IMDG Class (sea):

Hazard no.:

EmS No.:

IATA Class:

not applicable

Hazard no.:

14.4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

14.5. Environmental Hazards

None

14.6. Special Precautions for User

Not classified as a dangerous good under transport regulations.

14.7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

not applicable

14.8. Further Information

15. Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

2, hazardous for water

Local regulations on chemical accidents:

next page: 9

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



60050 Mastic

Page 9

Revised edition: 22.01.2014

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Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

15.3. Further Information

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.