1. Identification of the mixtures and of the company

1.1 Product Identifier

CAS 7440-44-0

1.2 Relevant identified uses covered by this label

Electrolytic coating powders for usage as inhaled heaters.

1.3 Details of the safety data sheet

COATING SUISSE GmbH, Binningerstrasse 141, 4123 Aesch, CH, Switzerland.

1.4 Emergency telephone number

Outside the business hours: (0800) 58 98 9999 (in Germany) or 040-1551-88-60. Contact person: info@coating-suiss.ch

2. Hazards identification

2.1 Classification of the mixture according to Directive 67/548/EEC or 1999/45/EC and Regulation (EC) No. 1272/2008 (GD)

None.

2.2 Label elements

None.

2.3 Other hazards

None.

3. Composition, ingredients

3.1 Composition table

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>MPR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>0.70</td>
</tr>
<tr>
<td>Graphite</td>
<td>7782-42-3</td>
<td>0.40</td>
</tr>
<tr>
<td>Carbon Black</td>
<td>1332-21-4</td>
<td>0.78</td>
</tr>
<tr>
<td>Carbon Fibers</td>
<td>7440-44-0</td>
<td>0.10</td>
</tr>
<tr>
<td>Potassium Sulfate</td>
<td>1312-76-1</td>
<td>0.50</td>
</tr>
<tr>
<td>Acrylic dispersion</td>
<td>Secret</td>
<td>0.40</td>
</tr>
<tr>
<td>Dispersing agent</td>
<td>Secret</td>
<td>0.1</td>
</tr>
<tr>
<td>Rhodolite modifie</td>
<td>Secret</td>
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</tr>
<tr>
<td>Dextrin modifie</td>
<td>Secret</td>
<td>0.1</td>
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<tr>
<td>Preservative</td>
<td>Secret</td>
<td>0.1</td>
</tr>
<tr>
<td>Silica</td>
<td>Secret</td>
<td>0.1</td>
</tr>
</tbody>
</table>

3.2 Hazardous components

Not applicable.

4. First aid measures

4.1 General

In case of doubt, or when symptoms persist, seek medical attention. Immediately remove all contaminated clothing.

4.1.1 After inhalation

When symptoms persist, take the casualty into the fresh air and keep warm. Call a doctor, should the air passages be affected.

4.1.2 After skin contact

Wash away with soap and water. Rinse. Do NOT use solvents or thinners. Take off immediately all contaminated clothing.

4.1.3 After eye contact

Remove contact lenses, keep eyes open. Rinse open eyes (15 min) with plenty of running water. Seek medical advice if complaint continues.

4.1.4 After ingestion

Keep at rest. Do NOT induce vomiting. Drink water in small draught. When swallowed immediately consult and show packing or label to physician.

4.2 Most important symptoms and effects, both acute and delayed

None.

4.3 Indication of any medical attention and any special treatment needed

None.

5. Firefighting measures

5.1 Suitable extinguishing media

This product is not flammable. In case of a fire extinguish surrounding areas.

5.2 Unsuitable extinguishing media

None.

5.3 Special hazards arising from the substance or mixture

Fire must not produce black smoke. Exposure to decomposition products may cause a health hazard.

6. Advice for firefighters

7. Transportation

7.1.1 Relevant safety data

Boiling temperature: Not applicable.
Flash point: Not applicable.
Ignition temperature: Not applicable.
Vapour pressure: Not determined.
Density: See technical data sheet.
Solvent content in all products: 0%
Viscosity: 2000 mPas.
VOc value: Max 0.2 g/l.

8. Transportation information

8.1.1 UN number

None.

8.1.2 UN proper shipping name

None.

8.1.3 UN hazard class/es

None.

9. Physical and chemical properties

9.1.1 Appearance

For the packag.

9.1.2 Odour

Characteristic.

9.1.3 Odour threshold

Not determined.

9.1.4 Relevant safety data

10. Stability and reactivity

10.1 Reactivity

Reactions with other products are connected by a possible reactivity of the product knowledge to be handled and proper storage.

10.2 Chemical stability

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions are known if stored and handled correctly.

10.4 Conditions to avoid

Keep away from heat and direct sunlight.

10.5 Incompatible materials

No dangerous reaction known. Avoid using with strong alkaline and strongly acid materials in order to avoid exothermic reactions.

10.6 Hazardous decomposition products

No dangerous decomposition product are known if stored and handled correctly. When exposed to high temperatures or in case of the hazardous decomposition products such as carbon dioxide, carbon monoxide, smoke, nitric oxides or thick black smoke may produced.

11. Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity: None.
Acute dermal toxicity: None.
Acute inhalation toxicity: None.

11.1.1 Sensitisation

Not sensitising.

11.1.2 Repeated dose toxicity (subacute, chronic)

Acute oral toxicity: Not data available.
Acute dermal toxicity: Not data available.
Acute inhalation: Not data available.

11.2 Ecological information

11.2.1 Acute aquatic toxicity

Acute or chronic damages to water bodies by products in the aquatic environment are not expected.

11.2.2 Persistence and degradability

These are not data available.

11.2.3 Bioaccumulative potential

These are not data available.

11.3 Mobility in soil

These are not data available.

11.4 Other adverse effects

These are not data available.

11.5 Additional ecological information

Disposal of ground, surface water and drainage. The product is evaluated according the method of 1999/45/EC and is not classified as hazardous for the environment. The contents components which are harmful for the environment. See sections 2 and 3 for details.

12. Ecological information

12.1 Results of PBT and vPvB assessment

These are not data available.

12.2 Mobility in soil

These are not data available.

12.3 Additional ecological information

Disposal of ground, surface water and drainage. The product is evaluated according the method of 1999/45/EC and is not classified as hazardous for the environment. The contents components which are harmful for the environment. See sections 2 and 3 for details.

13. Disposal considerations

13.1 Waste treatment methods

Packaging with not dry up products must be disposed of at official collection points. Do not empty into waters or drains. Packaging with dry up products can be disposed in household with exception of the ones which are harmful to the environment, see 15.6.1.1 and 3 for details.

13.2 Contaminated packaging

Contaminated packaging must be emptied of all material. Subsequent following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the waste.

14. Transport information

14.1.1 UN number

None.

14.1.2 UN proper shipping name

None.

14.1.3 UN hazard class/es

None.

14.2 Packing group

None.

14.3.1 Other information

None.

15. Regulatory information

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


15.1.1 Other regulations (EU)

Information about this product to the EU-UCL about limit of emissions of volatile organic compounds (VOC) values: VOC value: g/l: max: 0.2

15.1.2 National regulations

Restrictions of occupation: None, if handled according to the manufacturer’s Instructions. None. No data available.

15.1.3 Water hazard class (WISK)

Class 1 (slightly hazardous to waste). Classification according to WW6s.

15.2 VOC Regulation

VOC limit value step II: max: 12 g/l, ready to-use condition: Max. 30. Maximum VOC content (g/l) of the product in a ready to use condition: max: 0.2

15.3 Chemical safety assessment

Chemical safety assessments for substances in this preparation were not carried out.

16. Further Information

16.1 Information on violent change

None.

16.2 Abbreviations and acronyms

None.

16.3 Key literature references and sources for data


16.4 Classification for mixture methods of evaluation and method according to regulation (EC) No. 1272/2008 (CLP)

GD 13.4

16.5 Relevant R- and H- and U-phrases (Number and full text)

None.

16.6 Training advice

None.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet. For storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily applicable. The provided made-up material is in an environmentally safe and potentially possible, that products which have been processed or diluted may have a different label on the packaging compared with the safety data sheets. We appreciate your understanding. The information in the safety data sheet does not guarantee any Product properties and does not establish any contractual legal relationship. The product may only be used in accordance with sections 1 and 7 on this safety data sheet and it has not been described on the label and the technical data sheet.