1. Identification of the substance/mixture and of the company/undertaking

Product identifier
Commercial Product Name: FiGM PFS+ Intumescent Graphite Mastic

Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses: Flame-retardant agent.
Recommended restrictions: None under normal processing. Observe technical data sheet.

Details of the supplier of the product safety information
Company designation: fischerwerke GmbH & Co. KG
Klaus-Fischer-Straße 1
D-72178 Waldachtal
Telephone: +49(0)7443 12–0
FAX: +49(0)7443 12–4222
Email: info-sdb@fischer.de

Emergency telephone number
Emergency telephone number: +49(0)6132–84463 (24h)

2. Hazards identification

Classification of the substance or mixture
Classification according to Directive 67/548/EEC / 1999/45/EEC: This product is not classified as dangerous according to 67/548/EEC / 1999/45/EEC.
Classification according to Regulation (EC) No. 1272/2008: This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

Label elements
Labelling (67/548/EEC or 1999/45/EC): The product does not have to be labelled according to guideline 67/548/EEC / 1999/45/EEC.
Labelling according to Regulation (EC) No. 1272/2008 [CLP]: The product does not have to be labelled according to Regulation (EC) No. 1272/2008 [CLP].

3. Composition/information on ingredients

Other data: The product contains no substances classified as hazardous to health in concentrations which should be taken into account according to EC directives.
4. First aid measures

Description of first aid measures

General advice: If symptoms persist, call a physician.
If inhaled: Not required
In case of skin contact: Not required
In case of eye contact: Not required
If swallowed: Get medical advice/attention if you feel unwell.

Most important symptoms and effects, both acute and delayed

Symptoms: No data available

Indication of any immediate medical attention and special treatment needed

Immediate medical attention: No data available
Special medical treatment: No data available

5. Firefighting measures

Extinguishing media

Suitable extinguishing media: Carbon dioxide (CO2)
Dry powder
Foam
Water spray jet

Extinguishing media which must not be used for safety reasons: High volume water jet

Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases: Heating or fire can release toxic gas.

Advice for firefighters

In the event of fire and/or explosion do not breathe fumes.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions: keine
Environmental precautions
Environmental precautions: keine

Methods and material for containment and cleaning up
Methods for cleaning up: Use mechanical handling equipment.

Reference to other sections
Reference to other sections: See chapter 8/13

Additional information
Other information: Dispose of in accordance with local regulations.

7. Handling and storage

Precautions for safe handling
Advice on safe handling: None under normal processing.
Advice on protection against fire and explosion: No special precautions required.

Conditions for safe storage, including any incompatibilities
Storage space and container requirements: Store in accordance with local regulations.
Hints on storage assembly: Store in accordance with the particular national regulations.

8. Exposure controls/personal protection

Control parameters
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Exposure controls
Respiratory protection: No personal respiratory protective equipment normally required.
Hand protection: not required under normal use
Eye protection: Eye protection: not applicable.
Skin and body protection: Body protection: not applicable.
General protective and hygiene measures:
Smoking, eating and drinking should be prohibited in the application area.
Wash hands before breaks and at the end of workday.
Keep away from food, drink and animal feedingstuffs.

Information on environmental protection regulations: No special environmental precautions required.
9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state: solid
Form: paste
Colour: grey
pH: 7
Relative density: 1.3

10. Stability and reactivity

Reactivity
Thermal decomposition: No decomposition if stored and applied as directed.

Chemical stability
Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions
Hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid
Conditions to avoid: No decomposition if used as directed.

Incompatible materials
Materials to avoid: None known.

Hazardous decomposition products
Hazardous decomposition products: No decomposition if used as directed.

11. Toxicological information

Information on toxicological effects

Oral toxicity [mg/kg]: Not applicable.
Dermal toxicity [mg/kg]: Not applicable.
Inhalative toxicity [mg/l]: Not applicable.
Irritant effect on skin: No skin irritation
Irritant effect on eyes: No eye irritation
Irritant effect on the respiratory tract: Nicht anwendbar.
Sensitization: No known effect.
12. Ecological information

Toxicity
Toxicity to fish [mg/l] Not applicable.
Toxicity to daphnia [mg/l] Nicht anwendbar.
Toxicity to algae [mg/l] Nicht anwendbar.

Persistence and degradability
Biodegradability
   Remarks: No data available

Bioaccumulative potential
Bioaccumulation no data available

Mobility in soil
Mobility
   Mobility: No data available

Results of PBT and vPvB assessment
Results of PBT characteristics This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

Other adverse effects
Further information on ecology No information on ecology is available.

13. Disposal considerations

Waste treatment methods
Disposal considerations The product should not be allowed to enter drains, water courses or the soil.
   Dispose of waste according to applicable legislation.

Waste Code According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.
   The following Waste Codes are only suggestions:
   200000 – MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS

Uncleaned empty packaging Dispose of as unused product.
14. Transport information

<table>
<thead>
<tr>
<th>Description of the goods</th>
<th>Land transport ADR/RID</th>
<th>Marine transport IMDG</th>
<th>Air transport ICAO/IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.2 Description of the goods</td>
<td>Non-dangerous goods</td>
<td>Non-dangerous goods</td>
<td>Non-dangerous goods</td>
</tr>
<tr>
<td>14.2 UN proper shipping name</td>
<td>Non dangerous good</td>
<td>Non dangerous good</td>
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</tr>
<tr>
<td>Proper shipping name</td>
<td>Non dangerous good</td>
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</tr>
</tbody>
</table>

**Special precautions for user**

Precautions: not required under normal use

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: not applicable

**Additional information**

Other information (chapter 14.): Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

15. Regulatory information

**Chemical safety assessment**

Safety assessment: Not relevant.

16. Other information

Recommended restrictions: None under normal processing. Observe technical data sheet.