

Material Safety Data Sheet as per regulation (EC)

1907/2006

Commercial Product Name: HOSTAFORM C 9021

Revision date: 03.07.2007

Article-No.: 50006245

Version: 2/en

Print date: 21.04.2009

1. Identification of the substance/preparation and company

| | |
|----------------------------|---|
| Commercial Product Name | HOSTAFORM C 9021 |
| Address | Ticona GmbH Professor-Staudinger-Straße 65451 Kelsterbach Telephone: +49 - (0)180 - 584 2662 FAX: +49 - (0)180 - 202 1202 |
| Responsible Department | Product Safety |
| Emergency telephone number | +49693056418 |
| Use | Polymer |

2. Hazards possibilities

| | |
|--------------------|-------------------------------|
| Hazard precautions | No special measures required. |
|--------------------|-------------------------------|

3. Composition / information on ingredients

| | |
|---------------------------|----------------------|
| Chemical characterization | Polyacetal-Copolymer |
|---------------------------|----------------------|

4. First aid measures

| | |
|-------------------------|---|
| If inhaled | Move to fresh air in case of accidental inhalation of vapours or decomposition products. |
| In case of skin contact | Cool skin rapidly with cold water after contact with molten material. Do not peel solidified product off the skin. Seek immediate medical attention/advice. |

5. Firefighting measures

| | |
|---|---|
| Suitable extinguishing media | Water Foam Dry powder Gaseous extinguishing media |
| Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases | In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO). Formaldehyde vapours |

6. Accidental release measures

| | |
|-------------------------|--|
| Methods for cleaning up | Use mechanical handling equipment. Dispose of as prescribed. |
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7. Handling and storage

| | |
|-------------------------|--|
| Advice on safe handling | During thermal processing and/or machining exhaust ventilation at processing machines is necessary. Take precautionary measures against electrostatic loading. |
| Precautions | Take precautionary measures against static discharges. Avoid dust formation. |
| VCI storage category | 11: Flammable solids |

8. Exposure controls / personal protection

| | |
|---|--|
| Hand protection | Chemical resistant gloves (EN 374) |
| Evaluation:: | KCL-Schutzhandschuhe |
| Break through time: | > 480 min |
| General protective and hygiene measures | Do not breathe dust. S20/21 – When using do not eat, drink or smoke. |

Ingredients with occupational exposure limits to be monitored

Formaldehyd ...%

TRGS (Technical Regulations for Hazardous Materials) 900

| |
|--|
| The OEL (occupational exposure limit) of Formaldehyde (the German TRGS 900: 0,62mg/m ³ , 0,5ml/m ³) is cancelled with the amendment of the TRGS 900 in January 2006. This figures are only for information. The development of a new OEL is in process. |
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9. Physical and chemical properties

| | |
|-------------------------|--------------------------|
| Form | granular |
| Odour | slight, product specific |
| Melting point | 163 °C |
| Highest measured value: | 168 |
| Flash point | not applicable |
| Ignition temperature | 320 °C |
| Measuring method: | ASTM D 1929 |
| Explosion limits | |
| remarks: | not applicable |

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| | |
|--------------------|--------------------------------|
| Vapour pressure | not applicable |
| Density | approx. 1.41 g/cm ³ |
| temperature: | 20 °C |
| Bulk density | 770 – 890 kg/m ³ |
| Water solubility | |
| temperature: | 20 °C |
| remarks: | insoluble |
| Viscosity, dynamic | not applicable |

10. Stability and reactivity

| | |
|----------------------------------|-------------------------------|
| Hazardous decomposition products | Formaldehyde |
| Thermal decomposition | > 240 °C |
| Hazardous reactions | No hazardous reactions known. |

11. Toxicological information

| | |
|---------------------------------|---|
| Other information (chapter 11.) | When handled appropriately, even after long years of experience with this product, no adverse health effects are known. |
|---------------------------------|---|

12. Environmentally-specific information

| | |
|--------------------------------|--|
| Further information on ecology | The material has no harmful effect on the environment. May be separated mechanically in waste water plants. Product is insoluble in water. |
|--------------------------------|--|

13. Disposal considerations

| | |
|------------|--------------------------------|
| Waste Code | 150102: packages from plastics |
|------------|--------------------------------|

14. Transport information

| | |
|------------------------------|---------------------|
| Land transport | |
| remarks: | Not dangerous goods |
| Inland waterways transport | |
| ADN/ADNR | |
| remarks: | Not dangerous goods |
| Marine transport IMDG/GGVSee | |

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remarks: The product does not constitute a hazardous substance in sea transport.

Air transport ICAO/IATA

remarks: The product does not constitute a hazardous substance in air transport.

15. Legal specifications

National regulations

| | |
|---------------------------|---------------------|
| Water Hazard Class (Ger.) | nwg |
| Identification number: | 766 |
| Source: | KBwS classification |

16. Other information

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.