

## GEHR PVC-C<sup>®</sup>

### 1. Manufacturer

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### 2. Product description

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|--------------------------------|--|
| Article:                       | Standard semi-finished product   |
| Abbreviation                   | PVC-C  |
| Material characterisation      | Thermoplastics   |
| Main components                | Polyvinyl chloride, increased chloride content, contains pigments, stabilizers and additives |
| Marking obligation components  | Dialkyltin bis-thioglycolate (R22, R36/38, R43, R61), Titandioxid (N/E)                      |
| Classification according REACH | Product  |

### 3. Product properties

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|-----------------------|--|
| Form / condition      | Rods / solid   |
| Colour                | grey   |
| Odour                 | odourless  |
| Density               | 1,50 – 1,55 g/cm <sup>3</sup>  |
| Melting temperature   | - °C   |
| Thermal decomposition | - °C   |
| Ignition temperature  | - °C   |
| Solubility in water   | insoluble  |
| Risks                 | Dialkyltin bis-thioglycolate (R22, R36/38, R43, R61), additional the safety measures with handling chemicals should be considered. |

## 4. Handling and storage

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|-----------------|--|
| Machining       | The product can be machined with standard machinery and tools. Before machining the product should be stored at room temperature 24 h. Evacuate swarf to prevent slipping or tripping. Observe the maximum allowable concentration of dust levels on the working area which apply in your country. Wear safety goggles during machining. General dust limit value: Respirable dust (6 mg/m <sup>3</sup> ); Inhalable dust (10 mg/m <sup>3</sup> ). |
| Storage         | The products shall be stored indoor to keep away from any source of degradation such as sunlight, UV-jets, ionizing radiation, chemicals, ...  |
| Safety measures | the general industrial safety measures should be considered. A thermal damage during machining should be avoided.  |

## 5. Fire-fighting measures

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| Suitable extinguishing agents | Water spraying jet, foam, dry chemical.  |
| Potential combustion products | Carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO), hydrogen chloride gases.<br>Formation of further decomposition and oxidation products depend upon the fire conditions. Under special fire conditions traces of other toxic substances are possible. |
| Special protective equipment  | Wear a self-contained breathing apparatus.   |
| Further information           | Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.   |

## 6. Disposal considerations

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| European waste catalogue | According to the "European Waste Catalogue and Hazardous Waste List" uncontaminated waste from the products is not classified as hazardous.<br>Following code numbers can be used:<br>070213 waste plastic from manufacture, formulation, supply and use of plastics,<br>120105 plastic shavings and turnings<br>57129 other cured waste plastics (Austria) |
| Waste disposal           | If recycling is not possible, waste disposal by landfill or incineration in compliance with state and local regulations.<br>The product do not contain pigments or stabilizers based on cadmium. The product is not biologically degradable, but based on the present state of knowledge no negative effects on the environment may be anticipated.         |

## Product Handling Information Sheet



### 7. Marking and guidelines

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| Marking in accordance with EEC guidelines | All constituent parts are according the 7th change of the EC guideline for dangerous particles (92/32/EWG). |
| Other guidelines                          | none.   |
| Transport regulations                     | Not classified as hazardous good under transport regulations.   |

### 8. Other information

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According EG directive 1907/2006/EG (REACH), our products are clearly defined as articles, exempt from registration. The European regulation (EV) about chemicals, which came into force June 1<sup>st</sup> 2007, prescribes Material Safety Data Sheets (MSDS) only for dangerous substances and preparations. According REACH we are manufacturing articles and we are not required to issue MSDS.

All above mentioned information are based according to today's state of knowledge and supply no warranty of quality. Existing laws and regulations have to be observed by the recipient of our products on his own authority.