

Trade name: **SIMONA® PVDF**
 Date of printing: 03.02.2017

Revision: 14.07.2016

1. Identification of substance/preparation and company	Manufacturer details: SIMONA AG Teichweg 16 D-55606 Kirn Phone: +49 (0) 67 52 14-0 Fax: +49 (0) 67 52 14-211
2. Hazards identification	unknown
3. Composition / Information on ingredients	Chemical characteristics: polyvinylidene fluoride CAS number: not applicable
4. First-aid measures	General comment: medical aid is not necessary First-aid measures: none Routes of exposure: none Symptoms /effects: none
5. Firefighting measures	In case of fire please use gas mask and breathing equipment independent of circulating air. Fire residues must be disposed of according to the local instructions. Suitable fire-fighting appliance: water fog, foam, fire fighting powder, carbon dioxide. Hazard warning notice: not applicable
6. Accidental release measures	Person-related measures: none Environmental protection measures: not applicable Cleaning equipment: not applicable Unsuitable cleaning products: not applicable
7. Handling and storage	Handling: 1. Working rooms must dispose of good ventilation, separate flue has to be installed. 2. Do not expose to open flame. 3. Do not smoke in such areas where an accumulation of PVDF dust has to be expected. 4. When welding please avoid an exceeding of the recommended air and tool temperature. When not observing these safety instructions people can suffer from teflon fever (high fever with symptoms of influenza). Medical aid is necessary. Storage: storable for an unlimited period
8. Exposure controls / Personal protection	Special design of techn. processing facilities: not required Tolerance levels: none Exposure assessment: none Respiratory protection: not required Eye protection: not required Body protection: not required

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<p>9. Physical and chemical properties</p>	<p><u>Phenotype</u></p> <p>Physical state: semi-finished product, solid state Colour: natural, pink Odour: not applicable</p> <p><u>Change of state</u></p> <p>Crystalline melting range: 170-172 °C Flash point: not applicable</p> <p><u>Other remarks</u></p> <p>Density: 1.78 g/cm³</p>
<p>10. Stability and reactivity</p>	<p>Thermal decomposition: from 350°C Hazardous decomposition products: Above 350 °C decomposition in toxic fluor containing substances. During the burning process hydrofluoric acid, carbon dioxide and water will develop, in case of incomplete burning also carbon monoxide and low molecular fluorocarbons may arise. Use of stabilisers: none Exothermic reactions: none Notices regarding state of aggregation: none Conditions to be avoided: none Substances/media to be avoided: none</p>
<p>11. Toxicological information</p>	<p>No hazardous effects on health were observed over several years of usage.</p>
<p>12. Ecological information</p>	<p>No biodegradation, no solubility in water, no hazardous effects on the environment are to be expected. Mobility: not applicable Accumulation: not applicable Eco-toxicity: not applicable</p>
<p>13. Disposal considerations</p>	<p>Can be recycled or can be disposed of together with household rubbish (acc. to local regulations). Waste key for the unused product: EAK-Code 120 105 Waste name: waste of fluoro-plastics</p>
<p>14. Transport information</p>	<p>No dangerous product in respect to / according to transport regulations Notice/symbol transport containers: none Special marking for containers: none</p>
<p>15. Regulatory information</p>	<p>Marking according to GefStoffV/EG: no obligation for marking Water danger class: class 0 (self classification) Domestic requirements to be observed: none</p>
<p>16. Other information</p>	<p>This information solely describes the safety requirements of the product(s) and is based on our current state of knowledge. It does not give any assurance concerning the product(s) described within the meaning of statutory warranty regulations.</p>