

**FOLACOAT Plus PET**  
Coating plate

EC Safety Data Sheet

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<b>EC Safety Data Sheet</b>	
<b>Date: 07.02.02</b>	<b>Revised: 15.07.08</b>
Folex Coating GmbH, Unnauer Weg 6, 50767 Köln	
<b>1</b>	<b>Name of substance/preparation and firm</b>
	<b>Product name: Folacoat Plus PET</b>
	Manufacturer/supplier: <b>Folex Coating GmbH</b>
	Street: Unnauer Weg 6c
	Nat. code/post code/town: D-50767 Köln (Cologne)
	Tel: ++49 (0) 221 / 97 94 79-0 Fax: ++49 (0) 221 / 97 94 79-9
	<b>Informing department:</b> Manufacturer/Supplier
<b>2</b>	<b>Composition/particulars on the constituents</b>
	Chemical characterisation: Polyethylene terephthalate film-lamination with polymer coating, silicone containing slip coating, polyethylene protection film
	CAS No.: 23038-59-9 *Cadmium is not added to the product
<b>3</b>	<b>Possible hazards</b>
<b>4</b>	<b>First aid measures</b>
	General notes: First aid normally only necessary in case of burns and inhalation of burning gases
	after inhaling: Bring patient out into the fresh air.
	after skin contact: In case of contact with molten product cool off rapidly with cold water. Do not pull solidified product off the skin. If symptoms occur, consult a doctor.
	after eye contact: Immediately rinse out thoroughly for at least 10 minutes with lids apart with plenty of clean water. Seek medical advice.
	after swallowing: n.a.
<b>5</b>	<b>Fire control measures:</b>
	Suitable extinguishing agents: Water spray jet, foam, dry extinguishing agent or CO <sub>2</sub>
	Particular hazard due to the substance, its combustion products or arising gases. Combustible but does not maintain combustion. In a fire, toxic and harmful substances can be released as described in the section on "hazardous decomposition products". In the event of fire, fire may be spread by melting and drops of the material. Fire-fighting only with respiratory protection.

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<b>6</b>	<p><b>Action to be taken in the event of unintentional release</b></p> <p>Pick up and place in waste barrels or suitable plastic sacks, seal and take to a controlled disposal site.</p>
<b>7</b>	<p><b>Handling and storage</b></p> <p>7.1 Handling</p> <p><b>Notes on safe handling:</b> Take action against electrostatic charging.</p> <p><b>Instructions to be followed in mechanical treatment:</b> Ensure adequate ventilation/extraction at the processing machines and in weighing out/refilling.</p> <p>Caution should be exercised if the product is heated to avoid burns due to contact with the hot material.</p> <p>All polymers are broken down to a certain extent at their processing temperature, this effect increasing at rising temperature. Before the melting point is reached, the laminate begins to contract, the extent of the contraction depending on the time/temperature and type of film. The precise quantity and nature of the breakdown products depends on temperature, oxygen supply and process conditions. <b>Ensure adequate ventilation/extraction at the processing machines.</b> Wear industrial gloves when handling the film, danger of injury caused by the sharp edges.</p> <p><b>Notes on fire and explosion protection:</b> Combustible, but does not maintain combustion. In a fire, toxic and hazardous substances can be released as described in the section on "hazardous decomposition products". In the event of fire, fire may be spread by melting and drops of the material.</p> <p>7.2 Storage</p> <p>Protect against moisture. Avoid extreme heat and cold.</p>
<b>8</b>	<p><b>Exposition limitation and personal protective equipment</b></p> <p><b>Constituents with workplace-related limit values to be monitored</b></p> <p>If the product exists as breathable dust, comply with: maximum workplace concentration (MAK/Germany) for general dusts 6 mg/m<sup>3</sup></p> <p><b>General protective and hygiene measures:</b></p> <p>Respiratory protection: If breathable dusts occur: Briefly breathing filter device, filter type: P2</p> <p>Hand protection: Protective gloves e.g. made of leather</p> <p>Eye protection: Tightly closing goggles</p> <p>Body protection: Generally not necessary.</p>

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<b>9</b>	<p><b>Physical and chemical properties</b></p> <p><b>Appearance</b>                  Form: solid                  Colour: pink                  Odour: specific</p> <p><b>Safety-relevant data</b></p> <table> <tr> <td>Change of state</td> <td></td> <td>Method:</td> <td></td> </tr> <tr> <td>Melting point:</td> <td>180°C</td> <td>ASTM</td> <td></td> </tr> <tr> <td>Flash point:</td> <td>n.b.</td> <td>ASTM</td> <td></td> </tr> <tr> <td>Ignition temperature:</td> <td>n.b.</td> <td>ASTM</td> <td></td> </tr> <tr> <td>Explosion limits:</td> <td>lower:</td> <td>upper:</td> <td></td> </tr> <tr> <td>Vapour pressure:</td> <td>°C</td> <td>n.a. hPa</td> <td></td> </tr> <tr> <td></td> <td>°C</td> <td>n.a. hPa</td> <td></td> </tr> <tr> <td>Density:</td> <td>23°C</td> <td>1.1 g/cm<sup>3</sup></td> <td></td> </tr> <tr> <td>pH value:</td> <td>n.a. at</td> <td>g/l H<sub>2</sub>O</td> <td></td> </tr> <tr> <td>Viscosity:</td> <td></td> <td>n.a.</td> <td></td> </tr> </table> <p><b>Other particulars:</b>                  Specific heat: n.a.                  Thermal conductivity: n.a.                  Heat of combustion: n.a.                  Oxygen index (in % O<sub>2</sub>): n.a.</p>	Change of state		Method:		Melting point:	180°C	ASTM		Flash point:	n.b.	ASTM		Ignition temperature:	n.b.	ASTM		Explosion limits:	lower:	upper:		Vapour pressure:	°C	n.a. hPa			°C	n.a. hPa		Density:	23°C	1.1 g/cm <sup>3</sup>		pH value:	n.a. at	g/l H <sub>2</sub> O		Viscosity:		n.a.	
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<b>10</b>	<p><b>Stability and reactivity</b></p> <p>Conditions to be avoided: &gt; 180°C incipient decomposition</p> <p>Substances to be avoided: none known</p> <p><b>Hazardous decomposition products:</b> The majority of volatile substances are above the decomposition temperature: terephthalic acid, PET oligomers, CO, CO<sub>2</sub>                  Hazard-determining decomposition products: CO, CO<sub>2</sub></p>																																								

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<b>11</b>	<p><b>Particulars on toxicology</b></p> <p>Acute toxicology</p> <p>Inhalation: The combustion products can irritate the respiratory tract.</p> <p>Skin contact: n.a.</p> <p>Eye contact: The combustion products can irritate the eyes.                  Sharp off-cuts may cause damage.</p>
<b>12</b>	<p><b>Particulars on ecology</b></p> <p>Other particulars: The polymer behaves inertly. The material is slowly broken down by UV light.</p>
<b>13</b>	<p><b>Notes on disposal</b></p> <p>Product                  Recommendation: The regulations of local authorities are to be complied with for disposal. Must be taken, in compliance with special-waste regulations following pre-treatment, to a special-waste incineration plant licensed for this purpose.                  Waste code: 20 03 01</p>
<b>14</b>	<p><b>Transport</b></p> <p>Land transport                      ADR/RID and GGVS/GGVE                  Sea transport                        IMDG/GGVSea                  Proper shipping name:                  Air transport:                        ICAO-TI and IATA-DGR</p> <p>Transport/other particulars:                  Not hazardous goods within the meaning of national and international transport regulations.</p>

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<b>15 Regulations</b>	<p>Marking in accordance with EEC Directives:</p> <p>Not a hazardous substance within the meaning of the Hazardous Substances Order (GefStoffV)</p> <p>National regulations</p> <p>VbF: Not subject to the Combustible Liquids Order (VbF)                  Water hazard class: 0 in general not posing a hazard to water                  Self-classification: (Y/N) Y</p>
<b>16 Other particulars</b>	<p>n.a.: not applicable                  n.b.: not determined</p>
<p>The above particulars are based on the present state of our knowledge and experience. They do not represent a guarantee of properties in the legal sense. No liability is accepted for factors outside our knowledge and control. All users must therefore examine the intended area of use and the particular intended purpose in consideration of any specific features under their own responsibility. Freedom from patent rights, copyright and rights to protection of utility models cannot be assumed.</p> <p>This data sheet was drawn up in compliance with Directive 91/155/EEC.</p>	

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