

# PPH Hollow Rod - Safety Data Sheet



1.	Substance/preparation and Company detail	<p>Polypropylene Homopolymer semi-finished material</p> <p>Oadby Plastics Elland Road, Braunstone Frith Industrial Estate, Leicester, LE3 1TU 0116 232 1010</p>
2.	Composition / Indications to components	<p>Chemical characterization: CAS No.: 9003-07-0</p>
3.	Possible dangers	<p>The melted product adheres to the skin and causes burning. Danger of slippery on spilt material. Possible production of electrostatic charging when used.</p> <p><b>Classification system</b> This material is not hazardous according to the wording of the directives EEC 88/379, 67/548 and subsequent amendments.</p>
4.	First-aid measures	<p><b>General information</b> At room temperature the product doesn't cause irritation nor give off dangerous gases/vapours. The measures listed below apply to critical situations (Fire, incorrect process conditions).</p> <p><b>After inhalation</b> In case of excessive inhalation of fumes bring the person into fresh air. Call for medical help. Keep person warm, if necessary give mouth to mouth resuscitation, or artificial respiration.</p> <p><b>After skin contact</b> After contact with hot product, cool rapidly with cold water. Do not pull solidified product away from the skin. Seek immediate medical advice.</p> <p><b>After eye contact</b> Rinse opened eye for several minutes under running water. Then consult doctor.</p> <p><b>After swallowing</b> No specific measures have to be taken if the product is swallowed. Get medical advice if necessary.</p>
5.	Fire-fighting measures	<p><b>Suitable extinguishing agents</b> Water haze, foam, carbon dioxide, chemical powder</p> <p><b>Unsuitable extinguishing agents</b> None</p> <p><b>Special hazards caused by the material, it's products of combustion or resulting gases</b> Water, CO2 and when lacking oxygen CO.</p> <p><b>Protective equipment</b> Put on breathing apparatus</p>
6.	Measures in case of unintended release	<p>General: Sweep or gather up material and place in proper container for disposal or recovery.</p>
7.	Handling and storage	<p><b>Handling</b> No special requirements necessary, if handled at room temperature. Avoid spilling the product, as this might cause falls. Take precautionary measurements against static electricity.</p> <p><b>Storage</b> Protect from heat and direct sunlight. Store under dry conditions. The charges on the pedestals should be piled at two heights at the maximum.</p>

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8.	Limitation of exposition	<p><b>Technical measures</b> Good general ventilation should be sufficient for the most machining processes. Local exhaust ventilation may be necessary for some operations.</p> <p><b>Personal protective equipment</b> General protective and hygienic measures: Do not eat or drink while processing. No smoking. Protection of hands: PVC gloves Eye protection: Safety glasses recommended during machining. Body protection: Normal overalls. Safety shoes.</p>
9.	Physical and chemical characteristics	<p><b>Physical and chemical characteristics</b> <b>Form:</b> Semi-finished material (solid) <b>Colour:</b> Nature and grey <b>Smell:</b> None <b>Melting range:</b> 160 – 170 °C <b>Ignition temperature:</b> &gt; 400 °C <b>Solubility in water:</b> Insoluble</p>
10.	Stability and reactivity	<p><b>Stability and reactivity</b> <b>Thermal decomposition/conditions to be avoided</b> The product is stable at normal handling- and storage conditions. <b>Materials to be avoided</b> Strong oxidation agent. <b>Dangerous reactions</b> No dangerous reactions known. <b>Dangerous products of decomposition</b> No hazardous decomposition products known at room temperature.</p>
11.	Toxic information	<p><b>Primary irritant effect</b> On the skin: No irritant effect. On the eye: No irritant effect. Sensitization: No sensitizing effect known. Additional toxicological information: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.</p>
12.	Ecological information	<p>The product is not biologically decomposable. <b>Behaviour in environmental systems:</b> Floats on water. There is no important bioaccumulation. <b>General information:</b> The product is not toxic, small particles can have physical effects on water and soil organisms.</p>
13.	Waste-disposal information	<p>By decision of the European Commission of 20.12.1993 in its list of waste materials, the product is on the same level as municipal waste (Guideline EWG 75/442, later modified by EWG 91/156). The material can be re-used or recycled according to the regulations of Guideline EG 94/62. Disposal through controlled incineration or on authorised waste dump. Disposal must be made according to official regulations.</p>
14.	Transport information	<p>Transport/Additional information: The product is according to national and international guidelines, which regulate to the road, rail, air and sea transport, is not of any danger.</p>
15.	Regulation	<p>According to the text of the EEC directive 67/548 and following adaptations to the product is not dangerous.</p>
16.	Further information	<p>The information is based on our current knowledge. They are meant to describe our products in respect to safety requirements. They do not represent any guarantee of the described product in the sense of the legal guarantee regulations.</p>