

# PE300 Weld Rod - Safety Data Sheet



1.	Substance/preparation and Company detail	<p>Polyethylene copolymer</p> <p>Oadby Plastics                      Elland Road,                      Braunstone Frith Industrial Estate,                      Leicester,                      LE3 1TU                      0116 232 1010</p>
2.	Composition / Indications to components	<p>Chemical characteristics: polymer of ethylene                      CAS-number: not necessary</p>
3.	Possible dangers	Unknown
4.	First-aid measures	<p>General comment: medical aid is not necessary                      First-aid measures: none                      Routes of exposure: none                      Symptoms / effects: none</p>
5.	Fire-fighting measures	<p>Suitable fire-fighting appliance: water fog, foam, fire fighting powder, carbon dioxide                      Hazard warning notice: not applicable</p>
6.	Measures in case of unintended release	<p>Person-related measures: none                      Environmental protection measures: not applicable                      Cleaning equipment: not applicable                      Unsuitable cleaning products: not applicable</p>
7.	Handling and storage	<p>Handling: no special regulations must be observed                      Storage: unlimited good storage property</p>
8.	Limitation of exposition	<p>Special design of techn. processing facilities: not required                      Tolerance levels: none                      Exposure measurement procedures: none                      Respiratory protection: not required                      Eye protection: not required                      Body protection: not required</p>
9.	Physical and chemical characteristics	<p><u>Phenotype</u>                      Phenotype / form: semi-finished product, solid state                      Colour: natural                      Smell: not applicable  <u>Change of state</u>                      Crystalline melting range: 126-130 °C                      Flash point: not applicable  <u>Other remarks</u>                      Density: 0.947 g/cm<sup>3</sup></p>

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10.	Stability and reactivity	<p>Thermal decomposition: above appr. 300 °C                      Dangerous decomposition products:                      Besides carbon black also carbon dioxide and water as well as low molecular parts of PE will develop during the burning process. In case of incomplete burning also carbon monoxide 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>
11.	Toxic information	<p>During several years of usage no effects being harmful for the health were observed.</p>
12.	Ecological information	<p>No biodegradation, no solubility in water, no effects being harmful to the environment expected.                      Mobility: not applicable                      Accumulation: not applicable                      Eco-toxicity: not applicable</p>
13.	Waste-disposal information	<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 Polyolefine.</p>
14.	Transport information	<p>No dangerous product in respect to / according to transport regulations                      Notice/symbol transport containers: none                      Special marking for containers: none</p>
15.	Regulation	<p>Marking according to GefStoffV/EG: no obligation for marking                      Water danger class: class 0 (self classification)                      Domestic requirements to be observed: none</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>