

Acrylic Sheet - Safety Data Sheet



1.	Substance/preparation and Company detail	<p>Acrylic (PMMA)</p> <p>Oadby Plastics Elland Road, Braunstone Frith Industrial Estate, Leicester, LE3 1TU 0116 232 1010</p>
2.	Composition / Indications to components	<p>Methyl Methacrylate Polymer CAS No.: 25 852-37-3</p>
3.	Possible dangers	<p>In terms of the information available to us, this product is not a hazardous substance in the sense of the law on chemicals or the regulations on hazardous substances in the version which is currently valid.</p>
4.	First-aid measures	<p>General information: No particular measures required. Instruction for the doctor: None</p>
5.	Fire-fighting measures	<p>Suitable extinguishing substances: mist, quenching powder, quenching foam Unsuitable extinguishing substances: water, full jet Particular danger caused by material, it's combustion products or gases produced: none known Special protective equipment: Employ protective equipment commonly used in the event of fire.</p>
6.	Measures in case of unintended release	<p>Personal precautionary measures: No particular protective equipment required. Measures for environmental protection: No particular measures required Procedure for cleaning/absorption: Absorb mechanically with suitable device and collect in a suitable container.</p>
7.	Handling and storage	<p>Handling Directions on fire and explosion safety: No particular measures required. Storage Requirements for storage rooms: Protect from moisture. Requirements for containers: none Directions on storing materials together: No restrictions.</p>

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8.	Limitation of exposition	<p>Additional directions on design of technical equipment: No particular measures required.</p> <p>Personal protective equipment Measures for general protection and hygiene: The usual precautionary measures for dealing with chemicals should be observed.</p> <p>Respiratory protective equipment: No particular protective equipment required.</p> <p>Hand protection: Gloves may be used during machining.</p> <p>Eye protection: Safety goggles may be used during machining.</p> <p>Body protection: No particular protective equipment required.</p>
9.	Physical and chemical characteristics	<p>Form: Semi-finished material (solid) Colour: Clear Smell: None Melting range: approx. 120 °C Ignition temperature: approx. 425 °C Density (20°C): 1,18 g/cm³ Solubility in water: Insolubly</p>
10.	Stability and reactivity	<p>Conditions to be avoided: None known</p> <p>Substances to be avoided: None known</p> <p>Dangerous products of decomposition: Depolymerisation begins at 250°C. The following substance is formed: Methyl methacrylate.</p>
11.	Toxic information	<p>No results of animal experiments with the product available. Following years of experience, upon proper handling no detrimental effects have become known. The product is a non-absorbable, physiologically inert substance.</p>
12.	Ecological information	<p>Eco-toxicological tests with the product are not available. The product is a solid, insoluble in water, chemically inert and virtually not biologically degradable.</p>
13.	Waste-disposal information	<p>Disposal according to local authority regulations.</p>
14.	Transport information	<p>General: This product is not subject to transport Regulations.</p>
15.	Regulation	<p>Labelling in accordance with EC directive: On the basis of information available to us, this product is not a hazardous substance in the sense of the law on chemicals or the regulations on hazardous substances in the version which is currently valid.</p> <p>National regulations: Observe national regulations.</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>