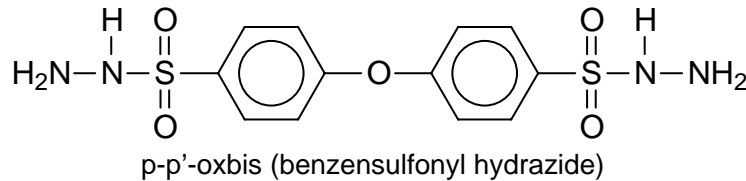


## Rubber Chemicals

## Product Data

**CELOGEN® OT**  
**Chemical Foaming Agent**



<b>FORM:</b>	White powder.
<b>SPECIFIC GRAVITY:</b>	1.53 at 25°C (77 °F)
<b>DECOMPOSITION POINT:</b>	153-167 °C (307-333 °F)
<b>GAS YIELD:</b>	120 cc / gram
<b>DECOMPOSITION GASES:</b>	95% N <sub>2</sub> and 5% H <sub>2</sub> O vapor.
<b>ACTIVATED BY:</b>	Very strong activators include treaded urea (BIK® OT), triethanolamine and peroxides. Moderate activators include calcium oxide, calcium stearate, stearic acid, cadmium and lead type vinyl stabilizers. Weak activators include adipic acid, benzoic acid, salicylic acid, citric acid, lead stearate and zinc stearate.
<b>DISCOLORATION:</b>	Nondiscoloring; decomposition residue is white.
<b>RECOMMENDED USES:</b>	General purpose relatively low temperature foaming agent for sponge rubber and expanded plastic which require fine, uniform, closed cell structure.
<b>SOLUBILITY:</b>	Insoluble in water. Soluble in strong acids and bases. Reacts with acetone.
<b>STORAGE STABILITY:</b>	Store in a cool, dry place in closed containers. Keep away from heat, sparks, open flames. Separate from combustible storage by 2.4 m (8 ft.) aisles or isolate in a detached building. Do not store over 1.2 m (4 ft.) high unless sprinklers are hydraulically designed to produce a density of 29 L/sec·cm <sup>2</sup> (0.5 gpm/sq. ft.) over the entire area of the building.
<b>HANDLING PRECAUTIONS:</b>	Normal handling precautions should be observed. Minimize dusting. Good ventilation. Good housekeeping. <b>FLAMMABLE SOLID.</b>
<b>FDA STATUS:</b>	175.300 – Resinous and Polymeric Coating (Can End Cements) – <i>Limitation – 0.5% Max.</i> 177.1210 – Closures with Sealing Gaskets for Food Containers – <i>Limitation – 0.5% Max.</i> 177.2600 – Rubber Articles Intended for Repeated Use – <i>Limitation – 5% Max.</i>

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