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## Product Data Sheet

### CELOGEN<sup>®</sup> 765A Chemical Foaming Agent

Activated Azodicarbonamide

<b>FORM:</b>	Yellow powder.
<b>SPECIFIC GRAVITY:</b>	1.65 at 25 °C (77 °F)
<b>DECOMPOSITION POINT:</b>	152-160 °C (306-320 °F)
<b>GAS YIELD:</b>	180 cc / gram
<b>DECOMPOSITION GASES:</b>	N <sub>2</sub> , CO <sub>2</sub> , CO, NH <sub>3</sub>
<b>ACTIVATED BY:</b>	Contains a very effective activation system. Effect of further activation is minimized. Strong activators such as zinc oxide, zinc stearate and treated urea (BIK <sup>®</sup> OT) may provide further reduction in decomposition temperatures.
<b>DISCOLORATION:</b>	Nondiscoloring; decomposition residue is white.
<b>RECOMMENDED USES:</b>	Special purpose chemical foaming agent for press molded closed cell sponge, shoe soling and automotive extrusions. Auxiliary chemical foaming agent.
<b>SOLUBILITY:</b>	Relatively insoluble in organic solvents and water. Decomposes in alkaline solutions.
<b>STORAGE STABILITY:</b>	Store in a cool, dry place in closed containers. Keep away from heat, sparks, open flames and combustibles.
<b>HANDLING PRECAUTIONS:</b>	Contact with eyes may cause irritation. Repeated minimal inhalation exposure can cause respiratory sensitization and asthma. Exposure to decomposition gases can cause irritation to eyes, lungs and mucous membranes. Avoid breathing dust and fumes from hot processing. Avoid all personal contact.

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