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## Product Data Sheet

### CELOGEN<sup>®</sup> 754A Chemical Foaming Agent

Activated Azodicarbonamide

<b>FORM:</b>	Yellow-orange powder.
<b>SPECIFIC GRAVITY:</b>	1.68 at 25 °C (77 °F)
<b>DECOMPOSITION POINT:</b>	165-180 °C (329-356 °F)
<b>GAS YIELD:</b>	200 cc / gram
<b>DECOMPOSITION GASES:</b>	N <sub>2</sub> , CO <sub>2</sub> , CO, NH <sub>3</sub>
<b>ACTIVATED BY:</b>	Contains 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>	Non discoloring; decomposition residue is white.
<b>RECOMMENDED USES:</b>	Chemical foaming agent designed for rubber and thermoplastics, EVA, shoe soling and automotive extrusions. Auxiliary 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.