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Irgastab® PUR 55

Anti-scorch package for polyols

Characterization

Irgastab PUR 55 is a BHT free liquid heat stabilizer blend for polyether- and polyester-based flexible pur foams.

Applications

Irgastab PUR 55 is particularly suitable for the stabilization of polyols used for the manufacture of flexible foams. Irgastab PUR 55 can also be added with additional antioxidants and/or co-stabilizers (e. g. phosphites) and/or light stabilizers (e. g. HALS, UV absorbers).

Features/benefits

Irgastab PUR 55 exhibits good resistance to scorch, fogging, textile staining. Irgastab PUR 55 is a pourable liquid allowing dust free handling, automatic dosage and shortening of mixing time. It allows gaining productivity in reducing weighing and metering to one single operation.

Product forms

Irgastab PUR 55 clear, yellow liquid product

Guidelines for use

In slabstock polyol applications, the concentration of Irgastab PUR 55 ranges between 0.4 % and 0.7 % depending on the degree of stabilization desired. Additional performance data in polyols are available upon request.

Physical properties

Boiling point	> 200 °C
Flashpoint	> 150 °C
Viscosity (40 °C)	> 100 mm ² /s
Relative density (20 °C)	0.95 – 1.00 g/ml
Vapor pressure (20 °C)	< 0.1 Pa

Health & Safety

Irgastab PUR 55 exhibits a very low order of oral toxicity and does not present any abnormal problems in its handling or general use.

Detailed information on handling and any precautions to be observed in the use of the product(s) described in this leaflet can be found in our relevant health and safety information sheet.

Note

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September 2010