

HUNTSMAN® TR 43123

TECHNICAL DATA SHEET

*APPLICATION

Huntsman® TR 43123 is a compound Polyol blend containing surfactants, catalysts, HCFC 141b as blowing agent & other additives. The system is suitable for the production of Sandwich panel (**upto 100 mm**) by continuous lamination process. The Foam is classified as B3 as per DIN 4102 Standard.

*PRODUCT DEFINITION

Polyol Component(A) : Mixture of polyol, catalyst and other additives.

Isocyanate-Component(B) : Mixture of diphenylmethane- diisocyanate. (HUNTSMAN® 600), isomers and halogen.

*STORAGE & HANDLING

The storage life of this product referred to in this data sheet is provisionally 6 months from the time of the production date when stored at 25 deg.C (storage life at the customer). It should be kept sealed when not in use as it is hygroscopic in nature.

*RISKS AVAILABLE

The isocyanate component irritates the respiration system, eyes and skin. This can have allergic reactions if inhaled or when comes in contact with skin. The required measurements indicated in the safety data sheet should be noted during handling of isocyanate. The same procedure should also be applied during handling of the A system (polyol) considering the risk available. The appropriate health & safety advice can be found in the provisional safety data sheet for this product

*COMPONENT DATA

	Unit	Polyol Component	Isocyanate Component	Standard Method
Specific Gravity (25°C)	g/cm ³	1,10	1,23-1,24	DIN 51 757
Viscosity (25°C)	cps	430	180-240	ASTM D 4878-03
NCO percentage	%	–	30-31,5	ASTM D 5155 B
Storage Stability	month	6	6	–
Colour		Pale yellow liquid	Brown	–

*PROCESSING AND REACTIVITY

A foam produced in a small scale laboratory cup & bag test, at a stirring speed of 4000 rpm using the mixing ratio below, will have the reactivity listed, also below

*LABORATORY TEST DATA

	Unit	Value
A:B Ratio	Based on volume	100:130
Cream time	s	14-18
Gel time	s	78-82
Free rise density**	kg/m ³	33-35

** Can be adjusted according to customer's requirement

*MACHINE-PROCESS APPLICATION

Utilized the most foaming machinery type.

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