

**HUNSTMAN SUPRASEC 5005**

Huntsman Suprasec 5005 can be widely used in polyurethane rigid foam insulation materials of manufacturing. It can also be used for isocyanate foams, coatings, adhesives, anti-plugging, foam structure, microporous self-skin foam, bumper, interiors, high resilience foam, and synthetic wood field. Due to its unique structure with better foam flowing performance, it is suitable for applications in strict requirements on the flow properties of foaming liquid products.

**PRODUCT SPECIFICATION**

SI. NO.	CHARACTERISTICS	UNIT	SPECIFICATION
1	Appearance	None	Liquid
2	Colour	None	Dark Brown
3	Density	g/cm <sup>3</sup>	1.220 – 1.225
4	Viscosity	mPa.s	150-250

**REACTION SPECIFICATION**

SI. NO.	CHARACTERISTICS	UNIT	SPECIFICATION
1	Ideal Operated Temperature	Celsius	21-25
2	NCO Content	%	30-32
3	Acid Division	None	<=0.05
4	Hydrolytic Chlorine	%	<=0.2
5	Average Functionality	None	2.7

### **STORAGE STABILITY**

The product must be stored out of direct sunlight and weather. The containers must be kept sealed against moisture at all times in storage. Ideal storage temperature is approximately 20°C. Under these conditions, the product will remain stable for more than 6 months.

### **SAFETY PRECAUTIONS DURING HANDLING**

Suprasec 5005 is a 2- phenyl methane di-isocyanate (MDI) mixture as base.

- Suprasec 5005 may cause slight to moderate irritation when it is exposed to the skin, the eyes, and the mucous membranes.
- Safety goggles and impermeable protective gloves should always be worn if there is a risk of direct exposure when handling Suprasec 5005.
- Splashes that are exposed to skin must be wiped off immediately and the contaminated areas must be thoroughly washed with soap and water.
- Affected areas should be treated with a good barrier cream.
- To prevent further contact with the skin, contaminated clothing should be changed immediately and thoroughly cleaned before reuse.
- The product must be kept away from food items.
- Anyone involved in the application of the system must familiarize themselves with the safety precautions required of rigid polyurethane foam.

### **DISCLAIMER**

The information in this technical data sheet is believed to be accurate but is made without warranty. The values listed are typical properties for the material and should not be considered product specifications. Shakun Industries disclaims any liability in connection with the use of this information, and does not guarantee against infringement because of the use of any of its products in combination with other materials or in any process.

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