

## ECOFIL 85

### All Water Blown Foam System

#### Product Description

Mix Ratio:- Resin : Isocyanate 100:150 ( 40 : 60 ) [by weight].

**ECOFIL 85** is a two component CFC AND HCFC FREE, water blown rigid foam system designed to produce a polyurethane foam with a fine cellular structure, low friability and good adhesion to substrates.

When processed through suitable dispense machinery ( i.e. High Pressure or Low Pressure ) this system will produce polyurethane foam for use in conventional PUR or SRIM moulding applications. The machine should be capable of maintaining the mix ratio at  $\pm 2\%$  accuracy and the temperatures at 20 - 25°C.

#### Component Description

**Ecofil 85** Resin component is a fully formulated liquid mixture. It should be stored in sealed tanks or drums and heated to 20°C - 25°C prior to use and thoroughly mixed with a mechanical stirrer prior to use.

Viscosity @ 20°C = 3300 mPa.s (cps)  
Specific Gravity @ 20°C = 1.10

**M27** Isocyanate component is liquid mixture containing crude Diphenyl-methane-diisocyanate it should be stored in sealed tanks or drums and heated 20°C - 25°C prior to use.

Viscosity @ 20°C = 325 mPa.s (cps)  
Specific Gravity @ 20°C = 1.24.

#### Storage, Handling And Personal Protection

The recommendations in our Safety Data Sheet for this product must be followed at all times. More general information is included in our publication "A Guide to the Safe Handling of Polyurethane Resins" and the following Technical Data Sheets which are available on request: -

- Fire Safety when storing, Handling and Installing Polyurethane Foam.
- Decontamination of Isocyanates using Isothane Decontaminant.



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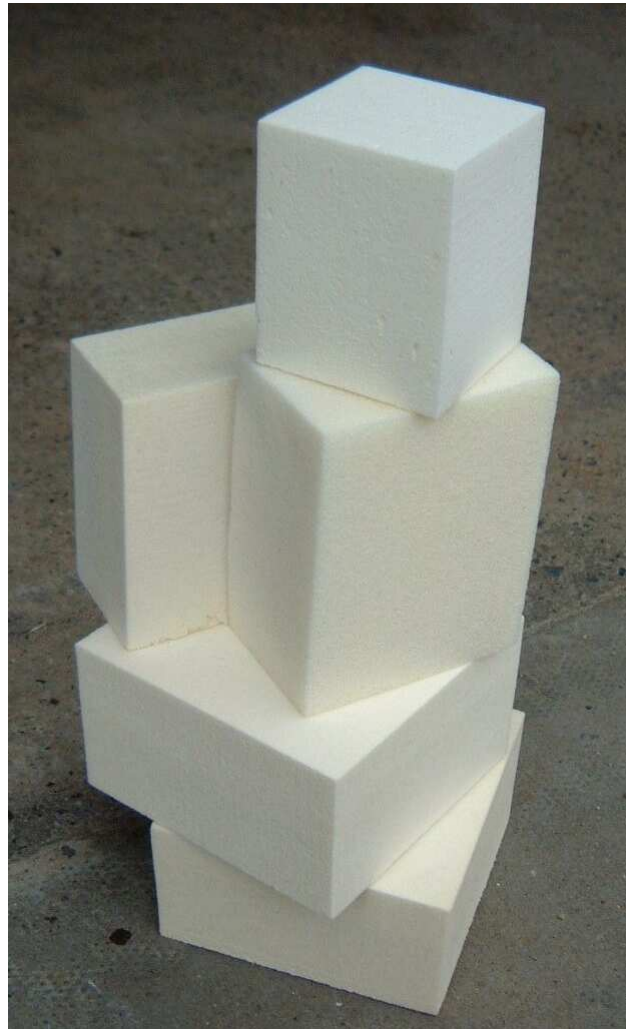
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#### Physical properties

Typical Laboratory prepared test results @ 20° C:

Cream Time	35 seconds
Rise Time	100 seconds
Free Rise Density	85 kg / m <sup>3</sup>



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