

**Product Data Sheet**  
**AUSTHANE SFE 295/2 HFR Spray Foam System**

**AUSTHANE SFE 295/2** is a Polyurethane Spray Foam System specifically formulated to provide a Flame Retarded Spray Foam System with a nominal sprayed density of 45 kg/ m<sup>3</sup>.

**SFE 295/2** Polyol is formulated with **ecomate®** - a **Zero ODP<sup>1</sup>, Zero GWP<sup>2</sup>, and VOC<sup>3</sup> exempt** Blowing Agent.

- It is not a “water” blown system.
- The Polyol component incorporates an organic chlorinated phosphate ester flame-retardant.

This system is designed to be processed through a 1: 1 GRACO REACTOR® Machine or similar equipment.

**AUSTHANE SFE 295/2** has been tested under AS1530 - Part 3 Fire Index Test Procedure, Test Certificate 7-564422-CN. The Test results were 15 / 0 / 1 / 5.

The applied foam layer must be protected from UV / weather exposure with a suitable elastomeric coating.

**Processing Conditions**

Ensure the SFE 295/2 Polyol component is stirred well before use.

Typical Spray Pressure	1700 -1800 psi
Primary Heater Temperature	45 °C (minimum)
Hose Temperature	45 °C (minimum)

**Note:** Polyurethane spray foam is an exothermic reaction, therefore limit each pass to 50 mm maximum and allow heat to dissipate between passes.

**Mix Ratio by Volume**

100 Parts by Volume <b>AUSTHANE SFE 295/2 Polyol</b>	<b>TO</b>	100 Parts by Volume <b>ECOISO- GP Isocyanate</b>
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**Laboratory Reactivity Profile** (Laboratory Foam QA Test conducted at 20°C using a mechanical stirrer)

<b>Mix Time</b>	3	seconds
<b>Cream Time</b>	4 - 6	seconds
<b>Gel Time</b>	7 - 9	seconds
<b>Tack Free Time</b>	11 - 13	seconds
<b>Free Rise Density</b>	29 - 31	kg/m <sup>3</sup>

**Liquid Properties of AUSTHANE SFE 295 System Components @ 25 °C**

	AUSTHANE SFE 295/2 Polyol	ECOISO-GP Isocyanate
<b>Appearance</b>	Clear amber liquid	Dark Brown liquid
<b>Viscosity</b> [Brookfield 3/30]	500 ± 50 cPs	200 ± 50 cPs
<b>Specific Gravity</b> [ gm/ml ]	1.22	1.24

**HEALTH AND SAFETY**

Before using this Polyurethane System please refer to the MATERIAL SAFETY DATA SHEETS for both the Components for information on the correct handling procedures for these products and the Safety Issues and Hazards associated with their use.

<sup>1</sup> **ODP** = Ozone Depletion Potential      <sup>2</sup> **GWP** = Global Warming Potential      <sup>3</sup> **VOC** = Volatile Organic Compound

**PRODUCT USE WARRANTY**

The data, information and suggestions covered in this data sheet, are given on the basis that the materials will be used correctly and professionally and at the sole risk of the user. No liability is accepted by AUSTRALIAN URETHANE SYSTEMS, for any loss, injury or damage arising from the use of the within information or materials described, no warranty, either expressed or implied, is given as to the exclusion from any patents or as to the fitness of the goods described for any particular purpose and each application should be fully evaluated to the satisfaction and acceptance of the user, in particular as to the combustibility or flammability or toxicity of material generated by combustion of the products herein described or materials produced from these products.