

# Technical Data Sheet



## PURL-SP08

A two-part polyurethane foam.

### DESCRIPTION

PURL SPO-8 Part B is a fully formulated polyol blend designed to react with PURL SPO-8 Part A to produce a polyurethane foam spray system. The two components are processed using plural airless spray equipment.

This product is suited to applications where some structural properties are required in a spray foam system.

Avoid storage at temperatures below 0°C (as it may cause some crystallisation) or above 50°C (as it can accelerate the formation of insoluble solids). Partly used drums should be tightly sealed before storage to prevent ingress of moisture.

### TYPICAL USES/APPLICATIONS

- Insulation foam for buildings and rooftops

### LIMITATIONS

- PURL-SP08 has limited structural strength but is well suited as an insulation foam where some strength is required. Not suitable for ground work or development of structures such as signage or props.

#### TYPICAL LIQUID PROPERTIES

Property	Part A	Part B
Appearance	Pale brown viscous liquid	Honey coloured liquid
Specific gravity at 21°C, [CPs]	1.23	1.15

#### TYPICAL REACTION DATA at 21°C

Cream Time (seconds)	4 - 8
Gel time (seconds)	11 - 16
Rise time (seconds)	18 - 25
Free rise density (kg/m3)	8
Mix Ratio by Volume at 21°C	1:1

#### PROCESSING EQUIPMENT

Spray equipment / proportioning pump	Graco E-30 and CS Fusion Gun.
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## STORAGE AND HANDLING

PURL SPO-8 has a shelf life of about 12 months at ambient conditions. For prolonged storage it is recommended that the temperature should not exceed 20°C. Partially used drums should be tightly sealed

## HEALTH AND SAFETY ADVICE

Do not breathe dust / fume / gas / mist / vapours / spray. Use only outdoors or in a well-ventilated area. Wear protective gloves/clothing/eye protection/face protection. Do not eat, drink or smoke when using this product. Avoid release into the environment. Contaminated work clothing should not be allowed out of the workplace. Take off contaminated clothing and wash before reuse.

Specific treatment (see advice on label and Safety Data Sheet). If on skin: wash with plenty of soap and water. If in eyes: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Call a poison center or doctor if you feel unwell. If skin irritation or rash occurs get medical advice/attention. If eye irritation persists get medical advice/attention. If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Always collect all spillage. Refer to LiquiMix Safety

Data Sheets for individual products.

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## Important Notice

*The information contained herein is offered without charge and is for use by technically qualified personnel at their own risk. All statements, technical information and recommendations contained herein are based on tests and data which we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto.*

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