Technical Datasheet

PU Soft Cast Foam

ebalta Distribution Ltd.

Product Type	**High Quality Flexible PU Foam**
Resin	**PU Soft Cast Foam Part A**
Hardener	**PU Soft Cast Foam Part B**
Colour	White

Applications

- Prop Making
- Lightweight Models
- Theatrical Sets Theatrical Sets

Properties

- Self Skinning
- Excellent Softness
- Resilient

Processing Data

Product		**Resin PU Soft Cast Foam Part A**	**Resin PU Soft Cast Foam Part B**	**PU Soft Cast Foam Mixed**
Colour		Colourless	Pale Straw	White
Mixing Ratio	**P.B.W**	**200**	**100**	**-**
	Volume	**213**	**100**	**-**
Viscosity at 25^{0}C	mPas	1250	160	-
Specific Gravity	g / cm^3	1.03	1.12	0.125
Cream Time 100g @20^{0}C	Seconds	-	-	20 - 40
Rise Time 100g @20^{0}C	Minutes	-	-	3 - 10

The components should be measured to an accuracy of 2% or better. Care should be taking when measuring by volume as this is an inherently inaccurate method unless specific volumetric measuring equipment is used.

Physical Data

Properties	Test Method	Unit	PU Soft Cast Mixed
Free Rise SG	-	-	0.10 – 0.15
Tack free Time	-	-	15 - 25
Ozone Depletion Potential			Zero

Sales Units (Packages)

Units	Resin	PU Soft Cast Foam Part A	2.00 kg / 10.00 kg
	Hardener	PU Soft Cast Foam Part B	1.00 kg / 5.00 kg

Processing Instructions

Neither component is susceptible to settling or separation and can be used directly from the container. However if the product has been stored for some time or if in any doubt then thorough mixing is recommended prior to removal of any product.

Chemical Handling

The relevant Safety Data Sheets should be read carefully before using this material.

Good housekeeping is important with this material as with all chemicals. Spillages should be wiped up immediately and containers wiped clean after use. Isocyanate spillages can be especially hazardous and the Safety Data Sheet should be consulted for the correct cleaning up procedure.

Both components will absorb moisture, which will detract from obtaining satisfactory product. Exposure to atmosphere should therefore be minimised and containers sealed as soon as possible after use. Ideally part-used containers should be purged with dry nitrogen before resealing.

Storing

Both components should be stored in their original containers and in a dry place at

15-25°C.

Both components have a minimum shelf life of 12 months from the date of manufacture.

Safety Measure

Please follow the precaution instructions of the Government Safety Organisation of the chemical industry when working with this material. Please follow safety advice.

Waste Disposal

According to arrangement with local authorities cured material can be disposed as domestic or commercial waste. Non-cured products are waste which is subject to inspection and has to be disposed accordingly. In case of further questions please do not hesitate to contact our Department for Product Safety.

The instructions and recommendations are given in good faith and are based on long experience and careful tests. Since the conditions of use are beyond our control, and due to versatility of applications and working methods, we can't give any guarantee. All information are non-binding and are no guarantee for special characteristics or properties of the product. Despite information given from **ebalta** the customer has to make his own tests regarding applications and processing. If any special warranty is requested, written agreement on this subject is essential.