

# **Technical Data Sheet**

Issued: April 2022

## **DALCHEM Taxidermy Foam**

Dalchem Taxidermy Foam has been specially designed for taxidermy type applications

Colour:	Yellow liquid
Mix Ratio:	100:100 (Polyol:Iso) by weight
Viscosity:	<950 cps mixed
Specific Gravity:	Polyol 1.15, Iso 1.22
Mix Time:	20 seconds
Cream Time:	120 seconds
Gel Time:	270 seconds
Tack Free Time:	420 seconds
Free Rise Density:	65 kg/ m <sup>3</sup> . Volume expansion approx 15x

Dalchem Pty Ltd ABN 74 104 532 185 141 Herald Street Cheltenham Vic 3192 P.O. Box 129 Moorabbin Vic 3189





**Dalchem Taxidermy Foam** 

### **Mixing & Application Guidelines**

#### To produce a high quality foam it is important to follow the mixing procedure carefully.

Accurately weigh each component into the same clean dry container. The reaction will essentially begin to take place now the products are together.

Mix the products with an electric drill /paint mixer. It is important to mix at a minimum of 200rpm to produce good quality foam.

Mix for 10-15 seconds typically. Note: Be aware that cream time of the foam will vary depending on batch size, ambient temperature and original chemical storage temperature.

Product should be fully mixed and poured before the cream time is reached.

#### Moulds

Always use a release agent on the mould. We recommend a wax based release. Ensure release is reapplied before each moulding. If conditioning a new mould with a solvent based system, ensure no residual solvent remains in the mould.

Mould temperatures over 30°C will produce a foam with less skin.

As foam generates pressure within the mould, it is usually necessary to incorporate small venting holes in the mould to control ventilation. Excessive venting can cause large voids below the surface skin of the foam. Articulate the mould so vent points are at the high point on the mould if possible.

Please contact your Dalchem representative for specialist application advice.

Note all data given is based on laboratory testing at 20°C.

Dalchem offers no warranty of merchantability nor fitness for use, nor any other express or implied warranty. The users exclusive remedy and the suppliers sole liability is limited to refund of the purchase price or replacement of any product shown to be otherwise than as warranted. The supplier will not be liable for incidental or consequential damages of any kind. Users should carry out independent testing to determine that products meet their application requirements. Suggestions for use should not be taken as inducements to infringe any patents.