



Bilby 3D

MATERIAL DATA SAFETY SHEET

Issued in Australia by Bilby 3D Pty Ltd.

The attached Material Data Safety Sheet has been prepared by the manufacturer outside Australia.

In accordance with Australia WHS regulations the following Australian contact details apply

Section 1: AUSTRALIAN COMPANY DETAILS

In Australia the product is imported and distributed by:
Bilby 3D Pty Ltd

Mailing Address :

Kingsgrove Business Centre, 7/192 Kingsgrove Rd, Kingsgrove NSW 2208

Head Office Address :

Kingsgrove Business Centre, 7/192 Kingsgrove Rd, Kingsgrove NSW 2208

Contact Phone: 1800 847 333

Section 2: AUSTRALIAN EMERGENCY CONTACT

Emergency Contact

In the event of an emergency please contact:

Poisons Information Centre 24 hour Telephone Advice Line on 13 11 26

Section 3: AUSTRALIAN ISSUE DATA

Date of Issue : 1 March 2020

Technical Data Sheet

Ultracur3D[®] FL 60

Reactive Urethane Photopolymer

General Properties	Norm	Typical Values
Viscosity, 30 °C	Cone/Plate Rheometer ¹	450 mPas
Viscosity, 50 °C	Cone/Plate Rheometer ¹	180 mPas
Density	ASTM D792	//
Density (liquid resin)	ASTM D4052-18a	//

Tensile Properties	Norm	Typical Values
Ultimate Tensile Strength	ASTM D412C	4 MPa
Ultimate Elongation	ASTM D412C	84%

Mechanical Properties	Norm	Typical Values
Tear Strength	ASTM D624	13 kN/m
Rebound Pendulum	ASTM D1054	16%

Hardness	Norm	Typical Values
Shore A	ASTM D2240	73

1) Determined with TA-Instrument DHR rheometer, cone/plate, diameter 60 mm, shear rate 100 s⁻¹

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