

Pro-Plas

Expo 2013

Frederick Botha Electrical Chargehand

8 Red Street
Isithebe
P.O. Box 320
Mandini 4490

Tel: +27 32 439 3000
Fax: +27 32 459 1820
Cell: +27

0716003374 **Sisalation**

email: fbotha@afripack.co.za

www.afripack.co.za



AFRIPACK

COATINGS

Sisalation

A.L.P.H.A

Print
Nico Dlamini

(PVT) LTD.

TEL: 467728 • 463662 • 470220 • FAX: 463863
P.O. BOX 6148 • MORNINGSIDESIDE • BULAWAYO
111 PLUMTREE ROAD, DONNINGTON
E-MAIL: nicodlamini@yahoo.com

Sayeed Kassim

COO

Mobile | +27 (0)82 459 4166

Email | sayeed@atlas.co.za

Unit D, Centric Park East Rand | Cnr. North Rand Road and Romeo Street
Boksburg 1459 | South Africa
PO Box 25771 | East Rand 1462 | South Africa
Telephone | +27(0)11 383 7740
Facsimile | +27(0)11 383 7777

www.atlas.co.za



S.Demir AYTUG

Barış Ambalaj Matbaacılık
SAN. ve TİC. LTD. ŞTİ.

Orhan Alpyörük Cad.
No.12 TR-35875
Yazıbaşı Beldesi - Torbalı
İZMİR / TÜRKİYE

Tel +90 232 853 90 39 (pbx)
Fax +90 232 853 94 53
Gsm +90 533 927 25 94
daytug@barisambalaj.net
www.barisambalaj.net



**BAG IN BOX
CONSULTANTS cc**

DRE GIOVANNINI

Tel/Fax: +27 (021) 794 3992

Cell: +27 71 896 2840

Email: dre.baginbox@mweb.co.za

Web: www.baginboxconsultants.co.za

6 Sohland Avenue
Constantia 7806
South Africa



CARST & WALKER

A division of Zenith Holdings Pty (Ltd)

VELOGAN MUTHAYAN

- Polymers

T +27 [0]11 489 3653 5 Sherborne Road, Parktown
F +27 [0]11 489 3601 P.O. Box 87710, Houghton, 2041
C +27 [0]73 222 9163 South Africa

Velogan.Muthayan@carst.co.za

www.carst.co.za

A HOBART COMPANY



CHANTE'S

Wedding Planners & Event Co-ordinators

Chantal Rossouw

Cell: 079 877 8103 E-mail: chantal@chantes.co.za

Website: www.chantes.co.za



GlobalStar
Travel Management

INNOCENT MABASO

JUNIOR SALES EXECUTIVE

Tel: +27 (0)11 268 4411 | Fax: +27 (0)86 627 1684 | Cell: +27 (0)83 410 8821
THEBE HOUSE, 166 JAN SMUTS AVE, ROSEBANK, JOHANNESBURG
DOCEX 149, RANDBURG

innocent@clubtravel.co.za | www.clubtravel.co.za

Jacques Kleynhans
Demaplastech Rapid Prototyping
Director

+27 11 462 2990
+27 11 462 8229
+27 82 569 8253
Jacques@demaplastech.co.za
www.demaplastech.co.za



Stratasys **DEMAPLASTECH**
RAPID PROTOTYPING

Deon Fawell Managing Director

M 076 323 2899
F 086 632 0489
E deon@freshlaundry.co.za
W www.freshlaundry.co.za

PO Box 751949, Gardenview, 2047

DOMATRONIC C.C.
CK 1986/19291/23

DESIGN
MANUFACTURING
AND
REPAIR OF
INDUSTRIAL ELECTRONICS



P.O. BOX 652, FERDALE
2160 SOUTH AFRICA
TEL. + FAX. : +27 11 789-3614
CELL. : +27 83346 3729
E-MAIL : domatronic@iburst.co.za
WEBSITE : www.domatronic.co.za

WALTER DOESERECK
MEMBER

PLASTICS & GENERAL PACKAGING
Vat No: 4510210885 Reg No: CK1997/027831/23

Duane Da Silva

Private Bag x12
Suite #56
Cresta 2118

Tel: 011 392 3728
Fax: 011 392 2089

Cell: 083 600 4399

Email: duane@pgpack.co.za

أسحاق واو لاده المصنعين والمصدرين للمنسوجات المنزلية

محمد يوسف اسماعيل
المدير العام

24/1 نوح 2 شمال كراتشي
المنطقة الصناعية كراتشي باكستان
هاتف: +9221 36974878 36974879
36921703 36956280
جوال: +92321 2449440

البريد الإلكتروني: AESSAK@CYBER.NET.PK
www.aestextiles.com الموقع

A. Essak & Sons Manufacturers & Exporters of
HOME TEXTILES

MUHAMMAD YOUSUF ISMAIL
MANAGING DIRECTOR

24/1 SECTOR 6-A, NORTH KARACHI,
INDUSTRIAL AREA, KARACHI, PAKISTAN
TEL: +9221 36974878, 36974879,
36921703, 36956280
CELL: +92321 2449440

EMAIL: AESSAK@CYBER.NET.PK
URL: WWW.AESTEXTILES.COM

Reg No: 2011/040862/23

Eco Polymers 
helping reduce your carbon footprint

Asheen Singh
(Member) Procurement / Sales
084 313 1209
011 864 6523
011 864 4660
011 864 8283
ashin1975@gmail.com
13 Jurie Street, Alrode, Alberton

LEADERS IN QUALITY PLASTIC RECYCLING

EDUNATION
Educational
Products & Toys


Bessie Theunissen
083 943 3510

E-mail: edunation2@internext.co.za
Website: www.edunation.co.za E-mail: info@edunation.co.za

黄佳娜
手机: 15958626799

台州市黄岩法奥塑模有限公司
浙江台州黄岩北城锦川路20号
电话: 0576-84288256 传真: 0576-84288257
邮箱: blanche@fowmould.com 网址: www.fowmould.com

Taizhou Huangyan **FOWMOULD Co.Ltd.**
Blanche Huang

No. 20 Jinchuan Road, Huangyan, Taizhou,
Zhejiang, China
TEL: +86-576-84288256
FAX: +86-576-84288257
Email: blanche@fowmould.com
Web: www.fowmould.com

MOVE ON UP1003cc T/A



Ismail Rahman
Director
083 651 8109

12 APSEY STREET
HEIDELBERG
SOUTH AFRICA
TEL: +27 16 341 2930
FAX: +27 16 341 2934
fpackm@gmail.com

Corrugated Cardboard Manufacturers

Cnr Green & Coronation Street
Maitland
Cape Town
7404

Shaheed Hendricks

P.O. Box 3911
Cape Town
8000

Mobile: 083 455 9786
Tel: 021 510 5374/5
Fax: 021 510 3430
shaheed@garner-wafers.com
www.garner-wafers.com



BASHIR MOHAMED
Director

CELL: +27 82 441 7869 • EMAIL: bashir@ibb.co.za

TEL: +27 12 250 0120 35 Piel Rouenbach Street
FAX: +27 12 250 0109 PO Box 1135, Brits, 0250
FAX2MAIL: +27 86 628 7267 Republic of South Africa

www.internationalgroup.co.za • ibb@ibb.co.za

INTERNATIONAL GROUP OF COMPANIES

JITAKINGDOM
Thy Will Be Done.

KINGDOM VUNA MTSHALI
Marketing Guru

t: +27 (0) 11 070 9749
c: +27 (0)72 36 1934 5
f: +27 (0) 86 688 9396
e: kingdom@jitakingdom.com
w: www.jitakingdom.com

P.O.Box 32577
Braamfontein
2017

Joinpack

JIA-IN INDUSTRY CO., LTD. **Alan Tsai**
Sales Manager

No.18,6th Road Taichung Industrial Zone,
Taichung Taiwan,R.O.C.
TEL:886-4-23594966
FAX:886-4-23592449
sd@joinpack.com Mobile:+886-912383-111

www.joinpack.com

International Freight Forwarders
For Total Logistics Solutions
BEE/SARS ACCREDITED

REGGIE K. PADAYACHEE
Cell: +27 82 892 7903

ZA JNB Tel: +27 (11) 394 - 1777
Tel: 0861 Kumara
Fax: +27 (11) 394 - 8737
Direct Fax: 086 632 9626
E-mail: reggie@kumara.co.za

Visit us @ www.kumara.co.za

Unit 1, No 9 Downie Crescent
Queensmead Industrial Park
Queensburgh

Tel : 031 464 7500
Fax : 031 464 2069
Cell : 082 899 3269

Email: vmvprinting@telkomsa.net
Website: www.lotusprint.co.za

VIJESH GANESH
Managing Member

Manufacturers of:
• Security Tape
• Personalised Tapes
• Colour Self Adhesive Labels,
• Blank and Thermal Transfer Labels
• Gum Tape
• Suppliers of General Packaging & Printing

vmv printing t/a
Lotus Print
GROUP

KYLE LOVELL
SALES DIRECTOR

T: 0861 568355 (LOVELL)
F: 013 932 8008
M: 082 338 7430
E: KYLE@LOVELL.CO.ZA
W: WWW.LOVELL.CO.ZA

LOVELL INDUSTRIES

MASTERPACK
PREMIUM BRAND PACKAGING
INNOVATION • DEDICATION • PRESENTATION

Donovan Clifford
Health & Safety Officer
Cell +27 (0)72 639 3963

Tel +27 (0)11 626 2726
Fax +27 (0)11 626 1535
Email donovan@masterpack.co.za

brandpack **FSC** FOREST STEWARDSHIP COUNCIL **GLOBAL PACKAGING ALLIANCE** First Class Companies World Class Packaging

MEKLUC Signs

Printing - Branding - Signage

Vinyl and Banner Printing Window Graphics Vehicle Magnets and Branding
Pop-Up A-Frames Roll-Ups X-banner Brochure Stand Business Cards Flyers and More

M Deo Gracia Mandtoubi M
Technical Manager
Tel: +27 11976 1837
Mob: +27 722951512

Mail: director@mekluc.com
skype: gracia25375
msn: mandtgrace4@hotmail.com

15 Sable Str
Esther Park
Kempton Park

Mr. Felix Mba-anto
Chief Executive Officer

Tel: +27 (0)11 339 3655
Fax: +27 (0)11 339 3655 (Int.)
Fax: 086 564 4603 (SA Only)
Cell: +27 (0)82 269 2920 (SA)
Cell: +237 7899 0226 (CMR)
Email: felix@meridianmitigation.com
mbaanto@yahoo.com

52 De Korte Street
Braamfontein
2001
Johannesburg
Republic of South Africa
<http://www.meridianmitigation.com>



The Mohapi Group (Pty) Ltd

t/a Africa Bottle Manufacturers
"we serve the nation"

M. Mohapi
Managing Director

Tel.: (+266) 28 337 796
Cell: (+266) 63 103 650
Other: 083-5111-844
Email: africabottle@yahoo.com

Main North 1
Opp. DRR Khubetsoana
Maseru
Lesotho



M.M.J Outsourcing CC

John Laurie
MEMBER
083 789 2381

M.M.J Outsourcing CC
12 Sandcrest Park
Sneezeewood Lane, Glen Anil
Durban North, South Africa

P.O. Box 201199
Durban North, 4016
South Africa

Tel: 031 569 3576
Tel2: 031 569 4010

Fax: 031 569 3576
Fax2: 031 569 4012
Email: acsmith@hagen.co.za



MOLANGOANE
I N V E S T M E N T
BRIAN MOHALANE

UNIT 12, ZONE 10,
INDUSTRIAL PARK,
SEBOKENG, 1983
Email: bmohalane@me.com

TEL: (016) 592 3364
FAX: (016) 592 1699
CELL: 082 353 6582



Supplying Quality Products to the Retail & Wholesale Markets since 1990

Chris Pappas
MANAGING MEMBER
+27 (0)83 212 5770
chris@mrs garlic.com



Nampak
Corrugated
packaging excellence

NAMPAK CORRUGATED - WADEVILLE

1 KREUPELHOUT STREET
PRIVATE BAG X05
WADEVILLE 1422
GAUTENG
SOUTH AFRICA.

TEL: +27 (11) 876 6000
FAX: +27 (11) 827 2540
CELL: +27 (82) 937 4620

EMAIL: muhammad.rahieemtulla@zannampak.com
WEBSITE: www.nampak.com

MUHAMMAD RAHIEMTULLA
COMMERCIAL SALES EXECUTIVE



TOM DEVNARAYAN
Managing Member
Mobile: 082 456 2041

33 Sage Road
Jacobs 4052
P.O. Box 12256
Jacobs 4026 South Africa
Tel: +27 31 461 2990
Fax: +27 31 461 3915
E-mail: tom@neupack.co.za
www.neupack.co.za



Waste Solutions

Tower City Trading 351 CC t/a Oilskip CK 2003/079253/23

Zander Viljoen

083 294-3398 P O Box 990512
Kibler Park, 2053

Cnr Leeuw &
Kroonarend Streets
Daleside

Tel: (016) 365 6764
Fax: 086 503 6259

Email: zandervil@absamail.co.za

PHASWANA
CONSULTING AND GENERAL ENGINEERING
SERVICES.

ARCHITECTURAL DRAUGHTING
STUDIO, BUILDING & CIVIL
CONSTRUCTION

Reg no: 2002/088019/23

PROPERTY DEVELOPMENT,
TOWN AND REGIONAL PLANNING

**HOUSE PLAN
DRAWN
(TO MUNICIPAL APPROVAL)**

302 Tygerberg Flat, 46-48 Primrose Terrace, cnr. Tudhope Avenue, Berea, 2198
email: abel@phaswana.co.za Tel/Fax: (+2711) 484-1651
Cell: (+2782) 754-1516 Cell: (+2774) 434-8200

 **PLASPAK GROUP**
Manufacturer of Laminated Plastic Film

ANIL JELOKA

Cell+: 257 0524
Renganaden Seeneevassen Avenue,
Palma,
Quatre-Bornes
Republic of Mauritius

Tel: (230) 427 7700
Fax: (230) 424 0106
Email: anil@plaspakltd.com
Website: www.plaspakltd.com

PSF

شركة مصنع حلول التعبئة والتغليف المحدودة
PACKAGING SOLUTIONS FACTORY CO. LTD.

Adil Ishrat

Export Sales

Tel. : +966 2 6080719 - Ext : 304
Fax : +966 2 6080711
: +966 2 6082213
Mobile: +966 553656288
E-mail : i.adil@psfksa.com

P.O.Box: 34110 Jeddah : 21468 Kingdom of Saudi Arabia

PSF

شركة مصنع حلول التعبئة والتغليف المحدودة
PACKAGING SOLUTIONS FACTORY CO. LTD.

تليفون : +٩٦٦ ٢ ٦٠٨٠٧١٩ - تحويلة : ٣٠٤
فاكس : +٩٦٦ ٢ ٦٠٨٠٧١١
+٩٦٦ ٢ ٦٠٨٢٢١٣
جوال : +٩٦٦ ٥٥٣٦٥٦٢٨٨
بريد الكتروني : i.adil@psfksa.com

عادل أشرت

مبيعات التصدير

ص.ب : ٣٤١١٠ ج.سدة ٢١٤٦٨ المملكة العربية السعودية



PRINTOPACK
Southern Africa (PTY) LTD.

Tel: (0027) 011 483 1144
Fax: (0027) 011 728 9122
Nr 25, 11th Ave, Houghton,
2198
South Africa
www.printopack.co.za

Omar Jhavy
083 867 8869
omar@printopack.co.za



Kings of Rock
Timeless Treats
GOLD REEF CITY

Tel: 011 908 1928
Fax: 011 864 2215
Jacques van der Walt sales@kingsofrock.co.za
Cellular: 083 691 5693 www.kingsofrock.co.za



Warren Cowan
Managing Member

Cell no: 0822911058

Email: Rolenterprises1@gmail.com

SALEM INVESTMENTS LIMITED
Stationery, Printing & General Supplies

Mpundu Kasengele
Director

Quartet Properties Yard
Suite 16
Chamapepe Road
Off Mumbwa Road
Lusaka - Zamba

P. O. Box 36797
Lusaka - Zambia
Cell: (260) 966 743297
Fax: (260) 211 287153
E-mail: kasengelempundu@yahoo.com

Silky Touch

Manasse Shole
Managing Director

Business Venture Investment No.939 (Pty) Ltd.
Dolphin House, 20 Staal Street, Kya Sands
Tel: +27 (0)11 234 7633
Fax: +27 (0) 86 589 9444
Cell: +27 (71) 339 2537
Webmail:tsafrika@webmail.co.za

amin vahed | project manager

smartsigns
signage | branding | design | print

1st Floor Emster Centre
50 Clare Rd, Cnr Lovers Walk
Fordsburg, Johannesburg

P O Box 421089 Fordsburg
2033

T: 011 838 2982
F: 0866 598 116
M: 082 302 7066
e: 3smart@gmail.com
w: www.smartsigns.co.za



Bua Soweto News
Encouraging Community Self-reliance

Sello Makgobatlou
Marketing & Advertising

B-BBEE Certificate Nö: EME L3 / BUA / 19042012

Tel: 011 051 9665 info@buasowetonews.co.za
Cell: 082 711 2388 sello@buasowetonews.co.za
Fax: 086 560 6174 www.buasowetonews.co.za

Reg No: 2011/129770/07 (Pty) Ltd.



Spartan Truck Hire

202 Witch-Hazel Road
Highveld Techno Park, Centurion
Tel (012) 665 0519 Fax (012) 665 0559
E-mail: petro@spartantruckhire.co.za

Petro van Aswegen Sales Executive
083 227 3215





PHILLIP LABUSCHAGNE

(c) +27 (0)71 880 0450
(e) phillip@specsystems.co.za



Mohamed Aziem Abbas
Managing Member

Email: supremesweets@gmail.com

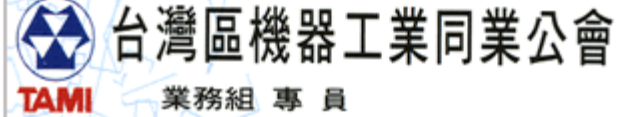
P.O. Box 22890
LANSDOWNE,
7779
Cell: 083 282 9743
Tel/Fax:
(021) 692 2921



SPECIALIST OF BUSINESS DIVISION

Allen Lai

NO.110, HUAINING ST., TAIPEI 10046, TAIWAN
TEL:886-2-23494666 EXT.669
DIRECT:886-2-23494669
FAX:886-2-23813711
E-mail:allen@tami.org.tw <http://www.tami.org.tw>



業務組 專員
賴 緯 倫

會址:10046台北市中正區懷寧街110號
電話:02-23494666分機669
專線:02-23494669
傳真:02-23813711
統一編號:03792907

E-mail:allen@tami.org.tw <http://www.tami.org.tw>

Frans Labuschagné
DIRECTOR

Cell: +27 (0)83 445 3454 | Tel: +27 (0)861 TOFFEES

Address: 17 Erika Way, Somerset West Business Park, Somerset West, 7130

Email: frans@sweettemptations.co.za

Website: www.sweettemptations.co.za

Facebook: www.facebook.com/SweetTemptationsSoftToffees

Jeremy Faria

084 437 1189

jeremyfaria@techlinkza.co.za

Office: 021 872 6716

Fax2mail: 086 517 1637

Techlink South Africa (Pty) Ltd ■ Registration number is 2012/202064/07
136 A Main Road, Paarl 7600



**FERNWOOD TRADING (Pty) LTD
T/A TIGER PLASTICS**

Manufacturers of Plastic Bags:

- Plain and Printed
- High and Low Density Polyethylene

e-mail: cassim@tigerplastics.co.za

Cassim Paruk
Managing Director

60 Old Main Road,
P.O.Box 234933
Isipingo, 4110
South Africa

Tel: (27) (31) 9023300

Fax: (27) (31) 9026080

Cell: 082 990 0644



Jan Oosthuizen
Member

Specializing in Injection and Blow Moulding

Cell: 073 286 0926

Tel: 011 894 5573

Fax: 086 210 4677

Email: jan@totalp.co.za



Specialists In Glass Bottle Hygiene

KENNETH SHUPINYANE | MANAGING DIRECTOR
cell. 071 960 0107 | tel. 016 421 3032 | email. kenneth@twiceclean.co.za
fax. 086 618 0137 | www.twiceclean.co.za

MORGS
MORGS GOVENDER
PRINT TECHNIQUE
email - morgsgo@yahoo.com

TAMMY CHOTKAN

AQUA TIDE.

0833093577

tammy@aquatide.co.za

Swimming Pool Chemical
Manufacture

Samuel Balozi

LEFIKA LA MOINEO

Business Enterprises

0723703836

Sbalozi@vodafone.net
Printing Machines

Cosmetic Make Upstick + Packaging

Judith Mnyurwa

k.jmnyurwa@yahoo.com

highshree199@telkomsa.net

Ugent

VASEEN KHAN

0741126048

NAVANAM@NEDBANK
Co. ZA

(011) 047 0112

Broom plastic handles

JOHAN STEYN

JOHAN@IAVENUE.CO.ZA

Plastic Injection

Paper box Machine.

Brett Frieslaar

+27824548295

brett@reecetrading.co.za

Reece Trading

DAAN

0798979094

gelddaan@yahoo.com

wire for Banana Strings

WAYNE NELL

SOUTH AFRICAN BRAKE

FLUIDS AND COOLANTS

waynenell@mweb.co.za

ICEFLOW INVESTMENTS

burps2006@yahoo.com

ESRAHEM ASMAL

Plastic Water pipes

JOHN CHAMBI - 0824523000

VATTAS@LIVE.COM

Disposable water bottles

Mega Chopies

MOHAMED

m.chopies@gmail.com

patience@tonga@yahoo.com

umuntuangazi CC

011 9866955

Moores / Brick Manufacture

Food Machines

MASEED DA WOOD

indawoit.co.za

082 892 2941

Nico Mostert

buyers@randplastics.co.za

Plastic Packaging machine

Plant developer

LUKE ZUNGA candz@iafrica

+27 11 339 2929

candz@iafrica.com

Martin Goosen

hitec@lantic.net

looking

Ref: Filter mesh for extruder

Morgan Gavender Nampak

Russel Slogrove Nampak

morgan.gavender@za.nampak.com

South African Machine

Distributor

deeps@Telkomsa.net

Egana = Company

Dee Rama = Owner

ML@leader.me.co.za

Agro Business Consultants

056 212 6590

RAINBOW BEACH ^{Google}

MATHOMBA DOUKHAT

011-7827860

Dr. Sarie Duvange
sarie.d@vut.ac.za
Product
Food Manufacture. Reseaches

Company: SAVEMOOR C&C
Tel: 082 494 6382
Fax: _____
Contact person: TONY
Mobile phone: _____
E-mail: ANTONIO F@IBURST.CO.ZA
Address: _____
Company Product: (Need)
POLYPROPYLENE BAG MACHINES

Feroz Vallee
Cups & Cones
0833773013
v.f.t.rentals@gmail.com

Olga@abcogroup.co.za
Olga Lazanakis

Elmirc Martins
elmirc@vibe.co.za
Plastic Machines

mabgwej@gmail.com
NKOMISHI MANUFACTURING (PTY) LTD
• FLEXOGRAPHIC PRINTING EQUIPMENT
• PAPER CUP FORMING MACHINES
• PLASTIC LID FORMING MACHINES

Raw Materials | Inks | Plates | Spares



Magiga Holdings (Pty) Ltd
Plastics Industry

Ed Madza
Director

Unit B3
Plot 63
Gaborone International Commerce Park
Gaborone
Botswana

Tel: +267 390 7772
Fax: +267 390 7776
Cell: +267 721 10998
Email: plastics@bbi.co.bw



**FRANCOIS
STREMMELAAR**

cell 084 062 7672
fax 086 403 6410
tel 011 963 3519
francois@reddotolive.co.za
PO BOX 10167
Aston Manor
1630

 **RED DOT OLIVE**
www.reddotolive.co.za



Safe Brand Pack (Pty) Ltd
Specialist: Printing in Plastic Bag

Sunny 082 8863478 (吴先生)
Henry 072 4559966 (陳先生)

Tel: 011 868 2928 Fax: 011 868 2948
Email: safebrandpack@telcomsa.sa.net
henglong1191@hotmail.com

Manufactory:
Printing Plastic bag & Carrier Bag
Any kind of PE Bag



Kellie Becker
Managing Director

Cellular: +27 (0)82 492 6740

Phone: +27 (0)28 514 3441

Fax: +27 (0)28 514 1295

Fax to E-mail: +27 (0) 86 616 1660

Email: kellie@soill.co.za

Website: www.soill.co.za

5x Laser Cutters

Bed size 850x580 mm

Stand alone

cut to 6mm

Balsa wood. } →

marinao@mweb.co.za

Marina Olivier

0845188833

Entire machine

KEN RABBIÉ

KR RABBIÉ & ASSOCIATES

e-Mail krabbie@global

.co.za.

TEL. +27(011) 440-3730

CELL +27 072 2189813.

Need
"3D Printer"

Anoop Popart

mwaban@mweb

co.za

727 / 083 779 7782

要做杯子的公司

買杯子