


MULTI-LEVEL BILL OF MATERIALS

PRODUCT NAME	Safe Tray	CONTACT INFO
APPROVED BY	Jacob Mackay	466271807
APPROVAL DATE	Friday, 27 October 2023	
PART COUNT	1865	
TOTAL COST	\$ 48.96	

PART NUMBER	PART NAME	DESCRIPTION	QUANTITY	UNITS	IMAGE	PART FINISH	COLOUR OF PART	MATERIAL OF PART	WEIGHT OF PART	STATUS	SOURCE / SUPPLIER	MANUFACTURING METHOD	COMMENTS	UNIT COST	TOTAL PART COST
1	Pins	Pins that compress with spring allowing glass to sit into tray.	931	1		Matte	Black side, White top	Silicone	0.2g	COMPLETE	Custom made	Injection mould	Could 3d print but EXPENSIVE	\$ 0.01	\$ 13.03
2	Compression springs	Springs to go underneath and into pins.	931	1		Stainless	Silver	Stainless steel	0.075g	COMPLETE	Dongguan Shuangxin Industry Co., Ltd.	Spring coiling		\$ 0.03	\$ 27.93
3	Tray Base	Base of tray	1	1		Glossy	Black & white	HDPE	790g	COMPLETE	Custom Made	Injection Mould		\$ 3.00	\$ 3.00
4	Pins side top	Top level of pins side of tray	1	1		Glossy	Black	HDPE	239g	COMPLETE	Custom Made	Injection Mould		\$ 1.00	\$ 1.00
5	Wine glass side top	Top level for wine glass rack side	1	1		Glossy	Black & White	HDPE	1300g	COMPLETE	Custom Made	Injection mould		\$ 4.00	\$ 4.00
			1865	TOTAL PARTS										TOTAL	\$ 48.96