FACULTY OF ENGINEERING TECHNOLOGY

INVENTORS

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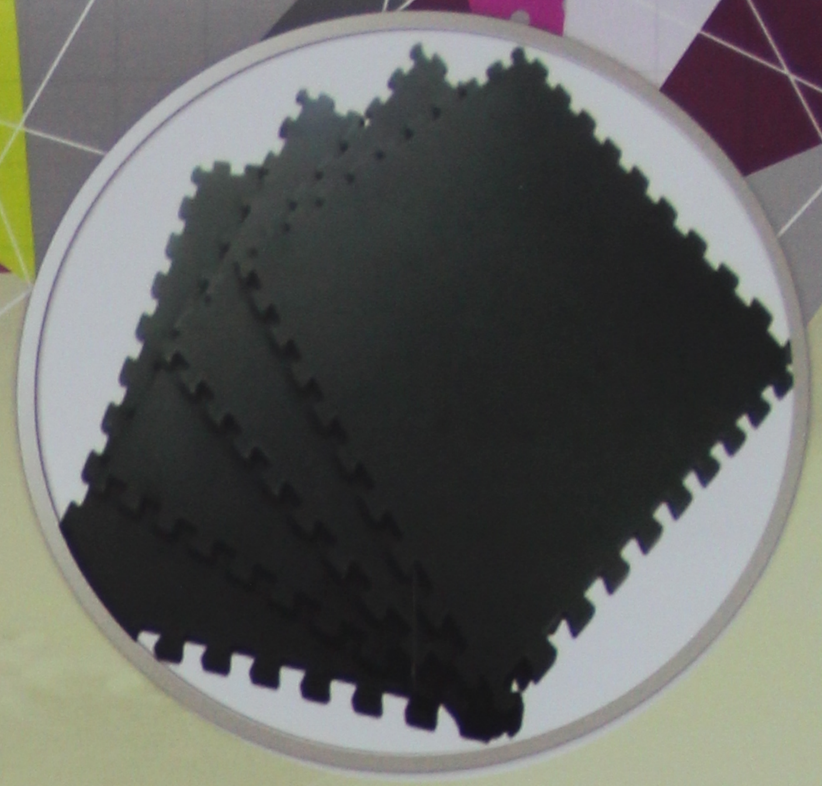
RECYCLED ANTI-FATIGUE FLOORING



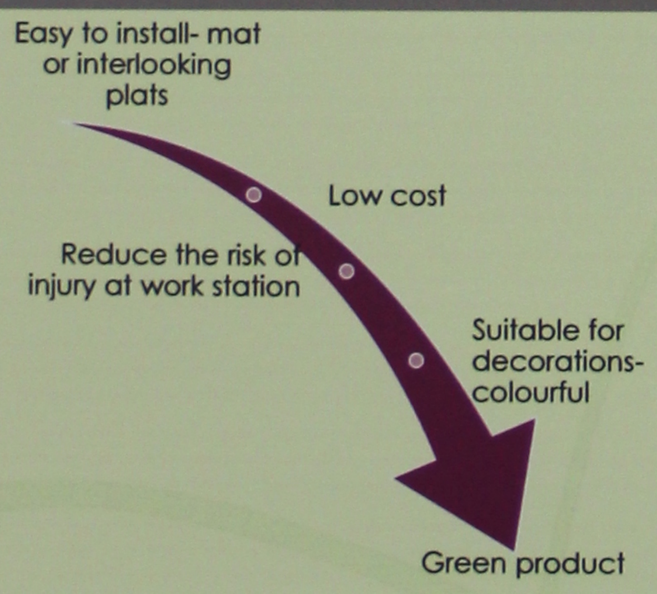
PRODUCT DESCRIPTION

- Provide more comfortable work station for workers
- Reduce the risk of injuries (slip or fall, lower back strain & stress)
- Increase productivity of the workers
- Prevent glass/material from breaking

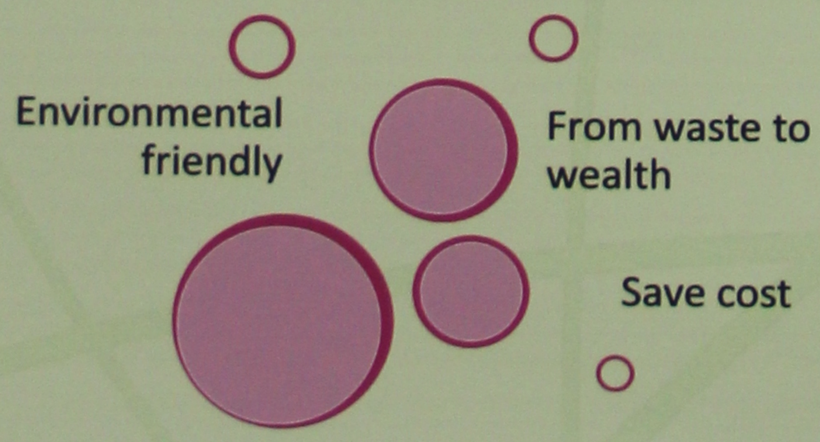
PROBLEMS STATEMENT

- The abundance of discarded nitrile gloves in Malaysia manufacturing plants
- The existence of many new landfills
- The need for recycling efforts on rubber products/goods
- Expensive anti-fatigue flooring in current market
- To reduce the utilization of virgin rubbers in rubber products/goods

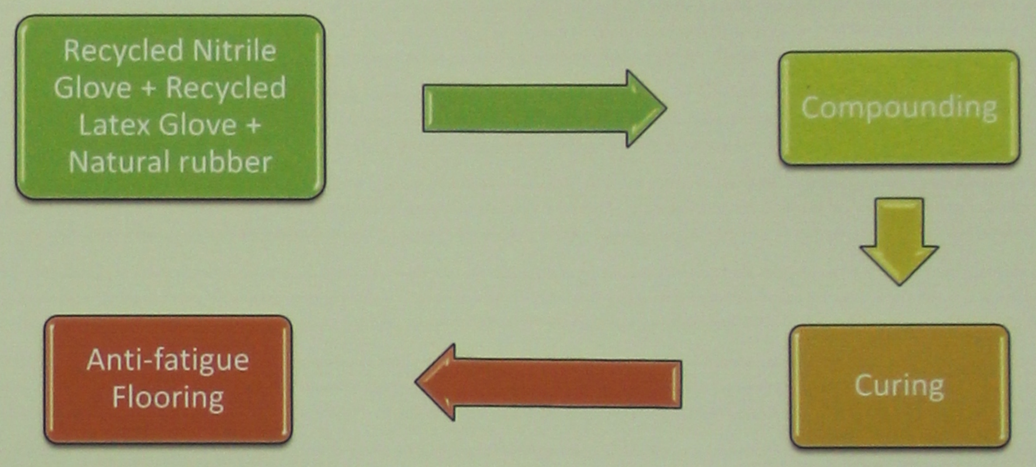
PRODUCT ADVANTAGES



NOVELTIES



PROCESS FLOW

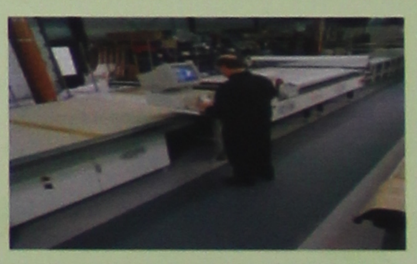


PRODUCT PERFORMANCES

Product	A	Anti-Fatigue Flooring
Tensile Strength, MPa	4.05	3.79
Elongation at Break, %	309	245
Hardness, Shore A	46	43
Price, RM	70 / 6 sq.ft	50 / 6 sq.ft

POTENTIAL APPLICATION

Production lines



Works stations

Laboratory

Office floor

INDUSTRIAL COLLABORATION

Hevea Valley