

Environmental Product Declaration

1. DESCRIPTION OF THE COMPANY AND PRODUCT

The Company

Clip-Lok SimPak Scandinavia Ltd.

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The company is a part of Clip-Lok International - a worldwide concern.

1.2 The Product

The Clip-Lok SimPak™ case is a collapsible and reusable transportation container constructed of plywood with steel reinforcements.

The cases are customised to suit the cargo being transported, and therefore come in a wide variety of sizes and models.



A collapsed container on top of one assembled

2. ENVIRONMENTAL PERFORMANCE

2.1 Manufacture (from cradle to gate)

	Normalised effect potentials ¹ (mPE)
2.1.1 Resource use	
Non-renewable resources	Iron 0,31 ; Aluminium 0,01 ; Zinc 0,05 ; Coal 0,08 Fossil gases 0,29 ; Oil 0,58
Renewable resources	Wood 25,68
2.1.2 Pollutant emissions	
Greenhouse gases (CO ₂)	0,34
Ozone-depleting gases (CFC)	0,18
Acidifying gases (SO ₂)	0,24
Nitrogen deposition to soils (NO ₂)	0,11
2.1.3 Waste	
Hazardous waste	3,36
Volume waste	0,33
Radioactive waste	0,42

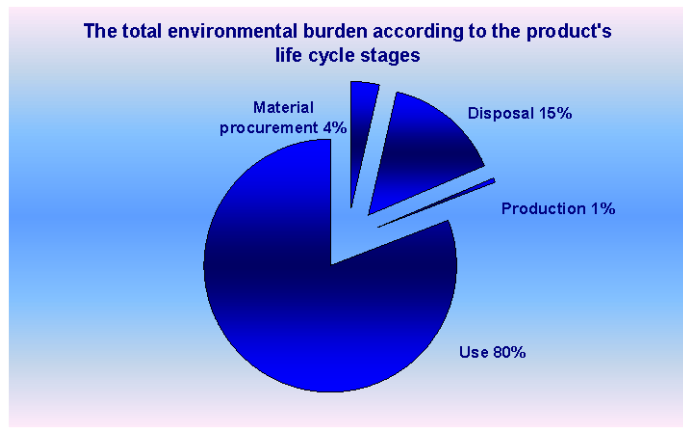
¹ Normalised effect potentials = Fractions of the environmental impact from an average person. The unit used is per million person equivalents.

3. INFORMATION

3.1 Usage and disposal

The most significant environmental impact in the life cycle of a Clip-Lok SimPak™ case occurs during the use phase of the container (80%). The second most significant environmental impact occurs during the final disposal of the container.

The raw materials procurement and manufacturing phases account for only 5% of the product's total environmental impact, and therefore constitute a minor contribution to the product's total environmental burden



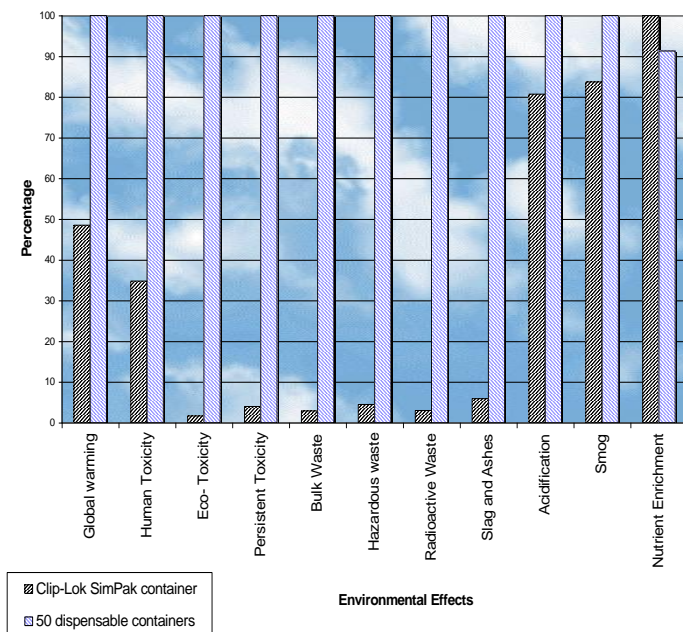
3.2 Recycling

Due to its unique design, which makes recycling easy and cheap, the Clip-Lok SimPak™ case is particularly superior to one way packaging when the product reaches its end-of-life phase.

3.3 Comparison

The lifetime of a Clip-Lok SimPak™ case is at least 50 times longer than comparable one way packaging².

The Clip-Lok SimPak™ case scores better than comparable one way packaging on all environmental effects except one, in an independent comparison of the total environmental burden across the products' life cycle.



3.4 Verification

The analysis of the total environmental burden from a Clip-Lok SimPak™ case has been monitored by an independent body³, as a part of Clip-Lok SimPak's environmental strategy.

This environmental declaration is based on a Life Cycle Assessment (LCA) of a Clip-Lok SimPak™ case, in accordance with ISO 14040 Life Cycle Assessment Principles and Framework. The LCA was developed using the Danish EDIP (Environmental Design of Industrial Products) cradle-to-grave method.

² It is assumed that one Clip-Lok SimPak™ case delivers the same services as 50 units of one way packaging

³ Reviewed by RAMBØLL, Denmark.