

Environmental Product Declaration

FOR 1 kg of: **Kaleidochrome Long & Durable(TM) - White Paint**

Manufactured by:

This Environmental Product Declaration is based on third-party verified results from EcolInvent.

It involves a cradle-to-gate (A1-A3) life-cycle assessment of the product's ingredients. **90%** of ingredients are accounted for.

Ingredients

Ingredient Name	Cas Number	% w/w Proportion
acetone	67-64-1	50
titanium dioxide	13463-67-7	40
2-methyl-2H-isothiazol-3-one hydrochloride	26172-54-3	10

Life Cycle Inventory Assessment Results



Parameter	Units	Total (A1-A3)
Climate Change Fossil Fuels	kg·CO2.eq	3.5
Climate Change Biogenic	kg·CO2.eq	0.0068
Climate Change Land Use	kg·CO2.eq	0.0028
Climate Change Total	kg·CO2.eq	3.5

Climate Change Rating



Parameter	Units	Total (A1-A3)
Acidification	mol·H+.eq	0.027
Eutrofication Freshwater	kg-P.eq	0.0012
Eutrofication Marine	kg-N.eq	0.0037
Eutrofication Terrestrial	mol-N.eq	0.038
Photochemical Ozone Creation	kg·NMVOC.eq	0.016
Ozone Depletion	kg·CFC·11.eq	1.0×10^{-7}
Abiotic Material Resource Depletion	kg·Sb.eq	3.8×10^{-5}
Abiotic Energy Resource Depletion	MJ	49
Deprivation-Weighted Water Use	m3·world.eq	2

Parameter		Total (A1-A3)
Primary Energy Resources — Renewable (MJ)	As Energy Carrier	2.6
	As Raw Material	0
	Total	2.6
Primary Energy Resources — Non-Renewable (MJ)	As Energy Carrier	49
	As Raw Material	16
	Total	65

Parameter	Units	Total (A1-A3)
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Hazardous Waste Disposed	kg	1.2×10^{-4}
Non-hazardous Waste Disposed	kg	1.4
Radioactive Waste Disposed	kg	3.0×10^{-5}

Contact Information