

SUSTAINABILITY-DATASHEET

UZIN KE 2000 S

Universal pressure-sensitive and wet adhesive

Identification of hazards: The product does not require labelling according to directive 1999/45/EC respectively regulation (EC) No 1272/2008

Indoor air quality (VOC)

<input checked="" type="checkbox"/>	EMICODE EC 1 PLUS – very low emission			
<input checked="" type="checkbox"/>	Blue Angel according to RAL-UZ 113 – special environmental friendliness			

Life Cycle Assessment (LCA)

LCA according to ISO 14040/44 EPD according to EN 15804; third party verified

Functional Unit (FU): 1 kg product; cradle-to-gate (according to EN 15804: Modules A1-A3)

Global warming potential (GWP 100)	[kg CO ₂ -Eq./kg]	0,66	Total use of non renewable primary energy resources	[MJ/kg]	30,12	
Depletion potential of the stratospheric ozone layer (ODP)	[kg R11-Eq./kg]	7,84E-08	Total use of renewable primary energy resources	[MJ/kg]	6,05	
Acidification potential of land and water (AP)	[kg SO ₂ -Eq./kg]	3,25E-03	Waste categories:			
Eutrophication potential (EP)	[kg PO ₄ -Eq./kg]	1,49E-03		Hazardous waste disposed	[kg/kg]	9,41E-07
Formation potential of tropospheric ozone photochemical oxidants (POCP)	[kg ethene-Eq./kg]	6,11E-04		Non hazardous waste disposed	[kg/kg]	4,15E-01
Abiotic depletion potential for non fossil resources (ADPe)	[kg Sb-Eq./kg]	3,12E-06	Radioactive waste disposed	[kg/kg]	1,02E-04	
Abiotic depletion potential for fossil resources (ADPf)	[MJ/kg]	27,97	Use of net fresh water	[m ³ /kg]	0,37	

Resources:

Natural, mineral resources	20-30 %	Secondary materials / recycling materials	0 %
Renewable materials	0 %	Water content	20-30 %
Average origin of materials	1076 km	Packaging: plastic bucket	

Certification of Green Buildings

BREEAM

<input checked="" type="checkbox"/>	Product neither contains carcinogenic nor sensitising volatile substances
<input checked="" type="checkbox"/>	Test-chamber measurement performed according to EN ISO 16000-9. Isocyanates or other sensitising volatile substances have <u>not</u> been detected in the test-chamber measurement.
<input checked="" type="checkbox"/>	Substances prohibited in BREEAM requirements for Flooring adhesives – Hea 9 - Volatile Organic Compounds are neither used nor will be emitted from this product.

DGNB (Profile 6: Risks for the local environment)

<input checked="" type="checkbox"/>	VOC-content (acc. to 2004/42/EG); Product meets quality level 4
<input checked="" type="checkbox"/>	EMICODE EC 1 PLUS or RAL-UZ 113

LEED (Compliance test IEQ 4.1)

<input checked="" type="checkbox"/>	VOC Emission test according to SCAQMD Rule 1168 is met	<input checked="" type="checkbox"/>	externally verified
<input checked="" type="checkbox"/>	Additional test CA 01350 (California Specification Section 01350) is met	<input checked="" type="checkbox"/>	externally verified

Certifications: Safety Data Sheet, license of EMICODE EC1 PLUS, certificate of the German Blue Angel and other product related information are available for download under www.uzin.com