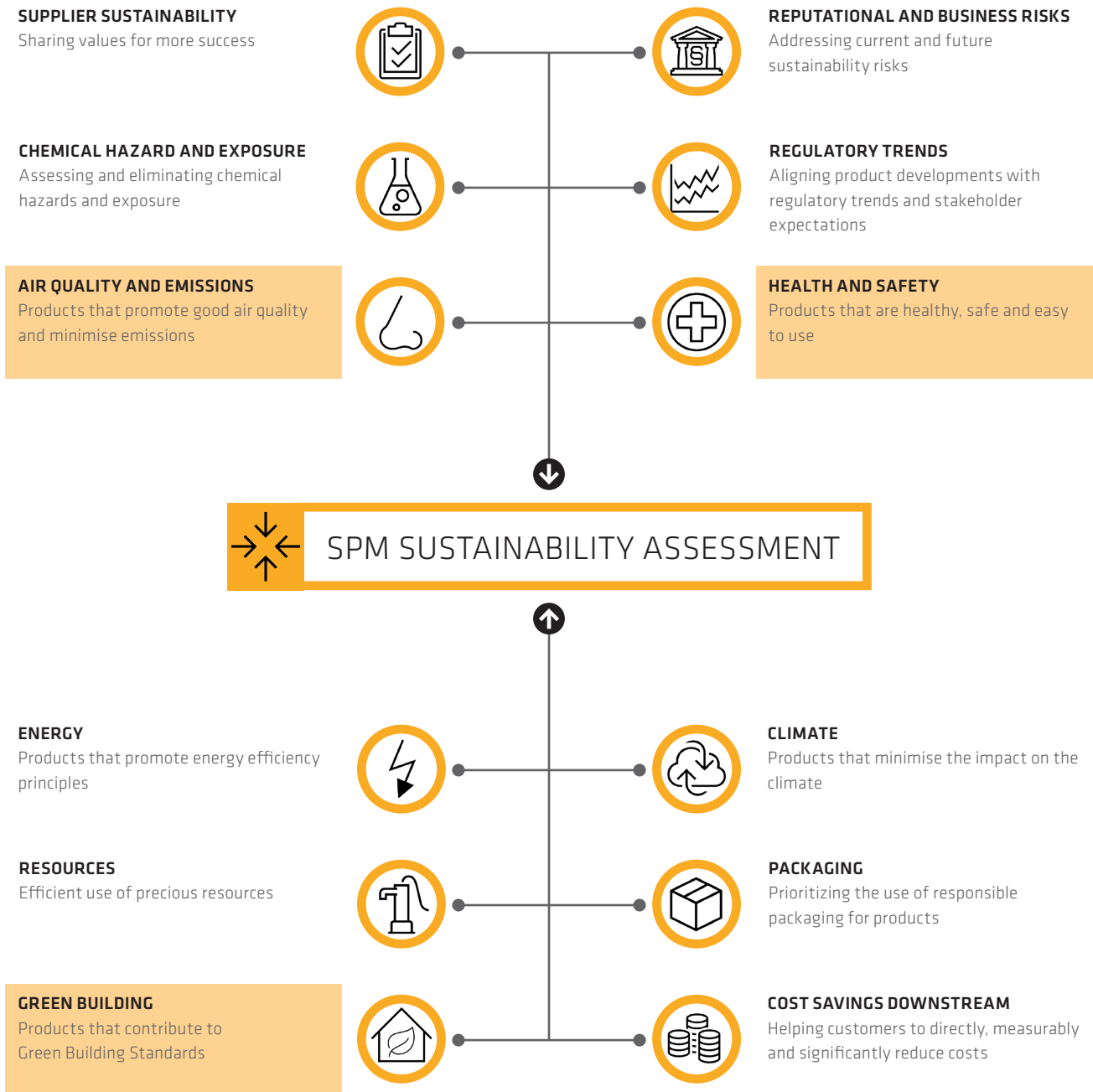


SUSTAINABILITY PORTFOLIO MANAGEMENT

Sustainability Portfolio Management (SPM) is the mechanism used by Sika in order to evaluate and classify its products in defined market segments in terms of Performance and Sustainability. The outcome of the SPM evaluation is a portfolio of “Sustainable Solutions” – products with combined significant Sustainability and Performance benefits.

The evaluation criteria that fall under the sustainability category of SPM are presented in the infographic below.



Sikadur®-31+

MORE PERFORMANCE – MORE SUSTAINABLE

MORE PERFORMANCE MORE SUSTAINABLE stands for Sika's product innovation through a unique combination of higher performance and proven sustainability benefits. A Sustainable Solution is a product in a given application which combines superior performance with a significant sustainability contribution within its technology range for our customers.

PRODUCT CHARACTERISTICS AND BENEFITS

Sikadur®-31+ is a 2-part, epoxy based, moisture tolerant, thixotropic, structural adhesive which bonds most construction materials. With Sikadur®-31+, Sika customers benefit from:

- Very Low VOC Emissions and Low Odor
- Not regulated as a Dangerous Good, Suitable for Professional and DIY
- Meets LEED v4 Requirements

AIR QUALITY AND EMISSIONS: VERY LOW VOC AND LOW ODOR

Sikadur®-31+ has been externally tested for VOC emissions and content in accordance with the GEV Testing Method. The product was classified as EC1PLUS and awarded the license for the use of the GEV Trademark. In addition, Sikadur®-31+ shows demonstrably lower odor when compared to conventional 2-part epoxy structural adhesives, based upon suitable scientific laboratory testing using test subjects.

- With the GEV Testing Method, VOC determination of products is performed in a test chamber followed by the Tenax / thermal desorption procedures with subsequent GC/MS analysis.
- The odor laboratory testing involves filling bags of known volume with air and injecting a set volume of the sample to be tested. A panel of people are then exposed to a set quantity of the air and give this a rating based on strength and hedonic tone.

HEALTH AND SAFETY: NOT REGULATED AS A DANGEROUS GOOD, SUITABLE ALSO FOR DIY

Due to its improved Environment Health and Safety (EHS) composition, Sikadur®-31+ is not labelled as a dangerous good. As a result of its improved classification and labelling, Sikadur®-31+ can also be used in do it yourself (DIY) applications in addition to the traditional professional applications of standard epoxy products.

For further information, refer to the Material Safety Data Sheet (MSDS).

GREEN BUILDING: MEETS LEED V4 REQUIREMENTS

Sikadur®-31+ is part of the Sika LEED product portfolio and conforms on three LEED v4 credit requirements, thus directly contributing to the attainment of 3 points. More details about the individual credit fulfillment are given in the Sika LEED Attestations.

- LEED v4 MRc 2 (Option 1): Building Product Disclosure and Optimization – Environmental Product Declarations
 - contribution to the attainment of 1 full point under this credit.
- LEED v4 MRc 4 (Option 2): Building Product Disclosure and Optimization – Material Ingredients
 - contribution to the attainment of 1 full point under this credit.
- LEED v4 EQc 2: Low-Emitting Materials
 - contribution to the attainment of 1 full point under this credit.