

SUMI Safe Use of Mixtures Information for end-users	
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Title: Industrial use of reactive adhesives by low energy distribution and curing at elevated temperatures
[FEICA SUMI IS_10_i-b]¹

This document is intended to communicate the conditions of safe use for the product, based on the exposure assessments required under REACH, and should always be read in combination with the product's Safety Data Sheet and labels.

General description of the process covered

The adhesive is bead extruded onto the bonding area with an automatic driven gun or by a hand gun fed by pumping equipment. Alternatively, for large area applications, automated roller equipment is used.

Operational Conditions

Maximum duration	8 hours (max exposure time per day)
Range of application / Process conditions	Indoor applications
Operation temperature	Max 150°C
Air exchange rate	Good room ventilation (3-5air exchanges per hour)

Risk Management Measures

Use safety goggles and any glove / gauntlet with permeation data.
Local exhaust ventilation (effectiveness 90%) – e.g. extractor hood.



See also section 8 of this Safety Data Sheet for specifications.

Additional good practice advice

Follow the product instructions as specified on the label, or in the product's technical literature.
Do not empty the product into drains / surface water / ground water.

¹ This "Safe-use-information" is related to "FEICA SWED_IS_10_i-b" – refer to it for specifications.
Safety signs (ISO 7010) are copyright protected

Disclaimer

Based on the risk assessment of relevant environmentally hazardous substances in commonplace industrial applications² the use of the product is considered to be safe for the environment. The assessment is based on the exposure parameters that are described for the product use in the corresponding SPERCs.

Regarding end-users

According to Occupational Health and Safety (OSH) legislation, the employer of workers that use products that are assessed as safe according to the FEICA SWEDs, remains responsible for communicating any other relevant use or safety information to the employees. When developing workplace instructions for employees, the Safe Use of Mixtures Information (SUMI) should always be considered in combination with the SDS and the label of the product. The information provided in the present document should not be changed by the recipient (employer). If specific changes are needed, for example on the Operational Conditions or Risk Management Measures, the recipient should contact their supplier (formulator). Regarding formulators This is a generic document for the purpose of communicating safe use of a product to end-users. It should not be regarded by risk assessors as an exhaustive document for evaluating safe use. Formulators are responsible to prove safe use of their individual products based on risk assessments provided by their suppliers or performed by themselves. If such risk assessment correlates completely with the FEICA SWED mentioned above, this SUMI can be used unaltered for communication to end users.

Regarding formulators

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² See the paper: Wind, T., Diaz, P., Funk, T., Gbenouvo, E., Seger, E. and Tolls, J. (2022), Environmental risk assessment for relevant ingredients in adhesives and sealants in commonplace industrial uses. *Integrated Environmental Assessment Management*, 18: 1288-1296. <https://doi.org/10.1002/ieam.4566>