

PRODUCT DATA SHEET – GEBHARDT Butyl 311040001

As of: 27.04.2017

Description:	Sealant integrated in GEBHARDT flanges
Product name:	GEBHARDT Butyl 311040001
Field of application:	<ul style="list-style-type: none"> ● Flanges with integrated Butyl sealant for duct connections in ventilation systems ● Suitable for kitchen exhaust air ● Resistant to sea water
Certification:	<ul style="list-style-type: none"> ● GEBHARDT Butyl meets the microbial metabolisation requirements of DIN EN ISO 846 ● Suitable for usage in ventilation systems according to VDI 6022 ● bacteriostatic according to VDI 6022 ● fungistatic according to VDI 6022
Features:	<ul style="list-style-type: none"> ● Good adhesion to metals and plastics ● Very good wetting on raw surfaces ● Solvent-free ● Silicone-free ● Halogen-free ● Free from substances harmful to the wetting properties of lacquers
Application:	<ul style="list-style-type: none"> ● Sealant is injected into flange during roll-forming process
Technical data:	<ul style="list-style-type: none"> ● Raw material: Butyl rubber ● Colour: grey ● Odour: odour-free ● Water solubility: not soluble ● Not explosive ● Density (DIN 53479 B): app. 1,20 g/cm³ ● Solid content (IPM 5003): > 99% ● Temperature resistance: -40°C to +90°C, 100°C for 30 minutes, no shrinkage, non-drying ● Exposition to higher temperatures for short terms doesn't affect the characteristics of the sealant ● Aging resistance: Very good
Health and Safety instruction:	<ul style="list-style-type: none"> ● Avoid skin and eye contact ● High temperatures during the processing can cause serious burns ● For more information see separate safety data sheet
Waste disposal:	<ul style="list-style-type: none"> ● Domestic waste or hazardous waste depending on local regulations

This product information is only intended to act as a guide. It is not binding. The information given reflects current developments in the field of chemistry and technical developments. We reserve the right to make changes and to develop the product further. No liability on our part should be derived from this document. The suitability of the product for the respective application should only be established through the consumer's own trials.

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<p>Resistance:</p>	<ul style="list-style-type: none">● Resistant to: n-butanol, isopropanol, isopropyl alcohol 70%, acetic acid 5%, salt 5%, detergent 10%, rinsing agent 10%, Sagrotan concentrate● Conditionally resistant to: ethyl acetate, sunflower seed oil (direct contact)● Not resistant to: toluene, chloroform, glycerin
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