

RIVESTOP MATERIAL SAFETY DATA SHEET

Material Safety Data Sheet (MSDS) for RiveStop.

PRODUCT IDENTIFICATION

Logotype	
Product description	Patented mechanical system for a hermetic and watertight seal of formwork tie holes
Relevant uses	Final product. For professional or private users. Uses advised against: all those applications different of relevant uses.
Manufacturer	Cauchos y Derivados JABE, S.L. Polígono Karrika, 55 20140 Andoain – Guipúzcoa (SPAIN) Phone: (+34) 943 304062 Fax: (+34) 943 304146 www.jabe.es jabe@jabe.es

PRODUCT COMPOSITION/ INFORMATION ON INGREDIENTS (% WEIGHT)

Aluminium	5-15%	CAS#: 7429-90-5
Stainless Steel AISI316/304	10-40%	CAS#: 12597-68-1
Rubber EPDM	50-80%	CAS#: 25038-36-2
Plastic	5-10%	CAS#: 63428-84-2 (only for RiveStop with plastic washer - P)
Zinc coated steel	0-20%	CAS#: 65997-19-5/7440-66-6 (only in case of zinc-plated steel rivet - Z)

POTENTIAL HEALTH RISKS/ HAZARD IDENTIFICATIONS

Skin	Not identified significant health risks.	
Eyes	Not identified significant health risks.	
Inhalation	Does not provide for any impact under normal conditions of use.	
Digestive system	Non-applicable.	
EPDM Rubber	EPDM rubber contents $\leq 0,01\%$ of PAH of total weight of product Rivestop.	
Identification CAS#: 97-90-5 CE: 202-617-2 INDEX: 607-114-00-5 REACH: 01-2119965172-38-XXXX	Chemical name/Classification Ethylene Dimethacrylate Regulation 1272/2008:H317/H335	Concentration %Weight 0,1% - <1% /weight of rubber 0,03-0,63% /weight of whole product
Note:	All the parts that compound RiveStop DO NOT CONTAIN asbestos or any powder substance that contains asbestos.	
Stainless steel:	Many stainless steels contain nickel as an alloying element. These products have permanent metallic bonds, such that nickel in the alloy has no effects as a possible hazardous substance. For this reason, <u>there are no hazards to man or the environment from the stainless steels in the forms supplied.</u>	

FIRST AID

Skin	Not identified significant health risks.
Eyes	Not identified significant health risks.
Inhalation	Does not provide for any impact under normal conditions of use.
Digestive system	Non-applicable.

FIREFIGHTING

- Product is non-flammable under normal conditions of storage, manipulation and use.
- In case of fire use: foam, extinguishing powder, carbon dioxide or water fog.
- Fire reaction classification: Class E

ACCIDENTAL RELEASE MEASURES

- Non-applicable.

STORAGE AND INSTALLATION

- The product should be storage in the unopened package supplied until its use. Please keep it away from flames.
- The holes to be sealed should have a continuous circular section.
- The holes should have a diameter that allows the RiveStop plug to be watertight, to obtain an optimal seal and desired water pressure resistance (please see "Technical Sheet RiveStop").
- The holes should not be previously treated with any other sealing product or similar, but they should be free from dirt, dust and concrete debris.
- The installation of the RiveStop plug is irreversible and can only be removed with the action of a drill bit.

EXPOSURE CONTROLS AND PERSONAL PROTECTION

- With the use of the product under normal conditions of use, it does not require protection for respiratory tract, eyes, hands or other parts of the human body.
- The product does not present any risk for human health just as actually is sold and supplied.

PHYSICAL AND CHEMICAL PROPERTIES

Main components	EPDM rubber, aluminium, stainless steel and plastic.
Appearance	Solid
Colour	Black/grey
Odour	Characteristic
Water solubility	Note: insoluble
Weight	0.35-3.5 ounces (10-100g)
Rubber diameter	0.59-1.38in (15-35mm)
Rubber length	0.79-3.93in (20-100mm)
Total length	1.96-5.90in (50-150mm)

STABILITY AND REACTIVITY

- Dangerous reactions: none, stable under normal conditions of use.

TOXICOLOGICAL INFORMATION

- Products are not toxic.
- No oncogenic effects are known.

ECOLOGICAL INFORMATION

- The experimental information related to the eco-toxicological properties of the product itself is not available.

DISPOSAL

- Whenever it is possible, it will be reused or recycled. If it is not possible, the generated waste should be eliminated following the current legislation.

TRANSPORT INFORMATION

- Acceptable in any kind of transport.
- In accordance with national and international regulations for the transport by road, rail, air and shipping, the product is not considered dangerous.

REGULATORY INFORMATION

- There are no local regulations associated with the product.

OTHER INFORMATION

The information provided by this Materials Security Datasheet is based on current knowledge and experiences related to the mentioned products.

Its target is the description of the product from the point of view of risk prevention and environmental protection.

This information does not guarantee in any case of the specific properties of the product. The information is provided without any guarantee (express or implicit).

This file does not exempt from responsibility to the final user or operator about the precautions to be kept during its activity.

This file complements the usage information (please read "Installation Manual Rivestop"), but it does not replace it at any case.

It would be the final user only responsibility to take the precautions related to its usage.

The content of this file is confidential.

Date reviewed: 02 January 2019