



# Material Data Sheet



## identification

<b>Product Name</b>	WESPA <sup>®</sup> - BI-Metall Sägebänder	
<b>Manufacturer</b>	WESPA Metallsägenfabrik Simonds Industries GmbH Spangenberg Str. 61 D-34212 Melsungen Germany	
emergency number	+49 (0) 5661-9263-0	(within business hours)

## Composition / information on ingredients

For Bandsaw blades BI-Metall BITEC, BITEC PLUS, SUPER SCL, XENOTEC, XTREMA

Bandsaw blade Body	Cut tooth	
Component:	Max%	Max%
iron	<92%	<92%
carbon	<0,5%	<2%
silicon	<0,3%	<0,3%
manganese	<1,0%	<0,5%
copper	<0,1%	<0,1%
aluminum	<0,1%	0%
chrome	<4,0%	<4,0%
molybdenum	<2,0%	<10%
nickel	<1,0%	0%
vanadium	<0,5%	<2,0%
lead	<0,03%	<0,03%
cobalt	<0,03%	<8,0%
tungsten	<0,03%	<2,0%

Analysis 2018 Data in%

Each concentration, is given as an area and serves to protect confidentiality or is due to batch deviations.

Selected products also have a coating

Coating type **IPC - A**

Aluminum titanium nitride based 2.4 -3 micro meters

coating type **IPC-C**

Aluminum-chromium nitrite based 2.4-3 micro meters

Marking

bandsaw blades may be coated with a thin layer of preservative oil as a rust inhibitor. The blades can also be printed.

## Safety instructions during handling

**When handling WESPA metal bandsaw blades, please observe the following safety instructions:**

Only remove the capping when the saw blade is completely installed on the machine.

Switch off the machine during repair work via the main switch.

Please adhere strictly to the safety regulations of the machine manufacturer.

Defective saw bands, e.g. with cracks or missing teeth, or those that have changed their shape, must not be used.

Bandsaw Blades must not be braked by lateral pressure on the bandsaw blade body.

The bandsaw blade must be tensioned before switching on the device.

Make sure that the selection of saw blade and the speed as well as feed, depend on the material to be cut.

Make sure that the workpiece or, in the case of bundle cuts, all workpieces are properly, securely and firmly clamped to be observed

Pay attention to the correct laying of the bandsaw blade.

Observe the notes on bandsaw blade tension

The bandsaw blade gets hot during operation. Do not touch it, let it cool down first.

Be aware of the danger area around the running saw blade. Never reach into or into the workpiece that you are currently sawing.

Termination of warranty and product liability by re-sharpening.

Termination of warranty and product liability by unauthorized resellers at auctions, internet platforms or internet shops.

and resharpening.

