

## 1. Designation of the product or company

Product	Endless welded carbide tipped band saw blades for metal cutting		
Manufacturer / Supplier	AMADA AUSTRIA GMBH Wassergasse 1 2630 Ternitz		
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Responsible department	Telephone	+43 (0) 2630 35170 – 0	
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## 2. Composition / Information on ingredients

### Description

Band saw blades consist of backing strip and the tooth tips. The backing strip is a heat-treated alloy steel, the tooth tips are made of carbide (hardmetal).

Carbide tipped band saw blades can optionally be coated with e.g. titanium nitride or titanium-aluminum nitride.

### Additional information

Band saw blades are provided with corrosion protection.

## 3. Handling, possible hazards and storage

The points listed below apply to endless welded band saw blades!

**Attention!** Before handling the band saw blade, always wear protective clothing consisting of safety goggles, protective gloves, and safety shoes in order to prevent injuries, especially cuts from sharp tooth edges. If dust is generated during sawing, especially during a dry cut, wear a mask against in order to avoid health hazards resulting from inhaling dust.

**Caution!** If the packaging is damaged, also inspect the band saw blade (e.g., deformations, corrosions, and cracks). Such damage may cause the band saw blade to break. You should therefore not use damaged band saw blades.

**Danger!** Packed band saw blades are under tension and can spring open when the fastening loops are opened. There is a risk of injury.

**Caution!** Do not remove the saw blade tooth protection until the saw blade has been installed and tensioned in the machine; otherwise, there is a risk of cutting injuries.

**Attention!** Band saw blades can break during sawing operation. It is therefore essential to read the operating instructions of the machine manufacturer before starting work.

**Caution!** The band saw coils are coated with corrosion protection. It is therefore advisable to wear gloves. In the case of skin contact with the corrosion protection, thoroughly wash the affected part of the body.

**Attention!** Keep the band saw coils dry (risk of corrosion).

#### 4. First aid measures

##### **General information**

In the event of any injury due to mechanical impact (e.g. cuts on sharp tooth tips), treat the wound and/or consult a doctor if necessary.

##### **After skin contact**

Wash thoroughly with soap and water.

##### **Notes for the doctor / treatment instructions**

Treat symptomatically

#### 5. Fire-fighting measures

##### **Suitable extinguishing agents**

Use the appropriate extinguishing agent for the specific environment.

##### **In the event of metal fire**

Extinguishing agent for metal fire.

##### **Protective equipment**

Use respiratory protection.

#### 6. Limitation and monitoring of exposure / personal protective equipment



##### **Additional information on the design of technical equipment**

Grinding of saw blades only with equipment designed for this purpose.

##### **Respiratory protection**

Recommended in case of dust formation during sawing (e.g. dry sawing)

##### **Hand protection**

Protective gloves (cut-resistant)

##### **Eye protection**

Safety glasses with side protection

##### **Body protection**

Protective clothing with long sleeves

#### 7. Toxicological information

##### **Acute toxicity / irritation / sensitization**

Endless welded band saw blades are in solid state. No harmful effects on health when handled correctly and used as intended.

## **8. Environmental information / disposal instructions**

### **Environmental information**

No effect known

### **Disposal instructions**

#### **Recommendation for the product**

Disposal as scrap metal, recycling is recommended.

#### **Recommendation for packaging**

Packaging and tooth-protection can be recycled.

#### **General information**

Local and official regulations may need to be observed during disposal.

## **9. Transport information**

No dangerous goods

## **10. Other information**

All information and recommendations in this document refer to endless welded, carbide tipped band saw blades in the delivery state. For carbide tipped band saw blades delivered as coils, the safety data sheet for rolls / coils must be observed.