



FEDERATION EUROPEENNE DES  
FABRICANTS DE PRODUITS ABRASIFS



Reference: 41H CUT-OFF WHEEL  
Version/date: 15.01.14  
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**Voluntary product information based on the format of a safety data sheet  
for organic bonded abrasives**

**1. Identification of Product and Company: 12", 14", 16" Steel Wheels – 08350107001-7002-7003**

**1.1 Product Identifier: PL Type Nr. – TYROLIT Type No. 224874, 224875, 391082  
41H CUT-OFF WHEEL, REINF.**

**Div. Dimensions**

**A30 – BF**

**STANDARD\*\***

**1.2 Use of the product:**

Organic bonded abrasives used for grinding/cutting of different materials

**1.3 Company identification:**

Company: **TYROLIT Schleifmittelwerke Swarovski KG**

Address: Swarovskistrasse 33

Phone: ++43 5242 606 2572

FAX: ++43 5242 606 12572

E-mail: [umweltabteilung@tyrolit.com](mailto:umweltabteilung@tyrolit.com)

**Emergency telephone number: USA/Canada 911**

**2. Hazards Identification**

**2.1. Classification**

Not applicable

Abrasives are articles and not dangerous substances or mixtures according to directive 1999/45/EC or Regulation (EC) N° 1272/2008.

See also section 8 and 16.

**2.2. Label elements**

Abrasives are articles and not dangerous substances or mixtures and therefore no labelling is required according to directive 1999/45/EC or Regulation (EC) N° 1272/2008.

**2.3. Other hazards**

Not known.

**3. Composition/Information on Ingredients**

The product does not contain ingredients which are classified according to 67/548/EEC and 99/45 EC or Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists.



The wheel was produced without addition of fillers containing fluorine (F), chlorine (Cl), sulfur (SO<sub>4</sub>), iron (Fe), copper(Cu) and zinc (Zn).

#### **4. First Aid Measures**

See also section 8 and 16

##### **4.1. Description of first aid measures**

Inhalation: Not possible, due to the form of the product  
Eye contact: Not possible, due to the form of the product  
Skin contact: No harmful effects known  
Ingestion: Not likely, due to the form of the product; if necessary contact physician  
Note to physician: Not available.

##### **4.2. Most important symptoms and effects, both acute and delayed**

Not known.

##### **4.3. Indication of any immediate medical attention and special treatment needed**

Not relevant. Treat symptomatically.

#### **5. Fire Fighting Measures**

##### **5.1. Extinguishing media**

Extinguishing media: water, foam, sand, powder or CO<sub>2</sub> as appropriate for surrounding materials

##### **5.2. Special hazards arising from the product**

Toxic fumes may occur. Use respiratory protective equipment.

##### **5.3. Advice for fire fighters**

Extinguishing materials should be selected according to the surrounding area.

#### **6. Accidental release measures**

Not applicable.

#### **7. Handling and Storage**

Follow instructions of grinding machine manufacturers and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.

## 8. Exposure Controls / Personal Protection

### 8.1. Control parameters

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

*Occupational exposure limit values and/or biological limit values*

Keep exposure to the following components under surveillance.  
(Observe also the regional official regulations)

Note: Hazardous dust of workpiece material may be generated during grinding and/or sanding operations. National regulations for dust exposure limit values have to be taken into consideration.

### 8.2. Exposure controls

#### 8.2.1. Individual protection measures

- 8.2.1.1. Respiratory protection: Use respiratory protective equipment  
(type depends on specific application and material being ground)
- 8.2.1.2. Hand protection: Wear protective gloves  
(type depends on specific application and material being ground)
- 8.2.1.3. Eye protection: Wear protective goggles or face shield  
(type depends on specific application and material being ground)
- 8.2.1.4. Hearing protection: Use hearing protection  
(type depends on specific application and material being ground)
- 8.2.1.5. Body protection: Use protective clothing  
(type depends on specific application and material being ground)

## 9. Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

- 9.1.1 Physical state: solid
- 9.1.2 Colour: various
- 9.1.3 Solubility in water: not applicable

### 9.2. Other information

None.

## 10. Stability and Reactivity

### 10.1. Reactivity

Coated Abrasives are stable when handled or stored correctly.



## 10.2. Chemical stability

No decomposition in normal use.

## 10.3. Possibility of hazardous reactions

No dangerous reactions known.

## 10.4. Conditions to avoid

Coated Abrasives are stable when handled or stored correctly.

## 10.5. Incompatible materials

No dangerous reactions known.

## 10.6. Hazardous decomposition products

At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated.

## 11. Toxicological Information

### 11.1. Information on toxicological effects

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.  
See also section 8.

## 12. Ecological Information

### 12.1. Toxicity

No effects known.

### 12.2. Persistence and degradability

No biodegradable potentials known.

### 12.3. Bioaccumulative potential

No potentials known.

### 12.4. Mobility in soil

No potentials known.

### 12.5. Results of PBT and vPvB assessment

Not relevant.

### 12.6. Other adverse effects

No effects known.

## 13. Disposal Considerations

### 13.1. Waste treatment methods



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#### 13.1.1 Product

Follow national and regional regulations.

Due to the ingredients and properties disposal as non hazardous waste (2000/532/EC) is possible if no hazardous materials are added to the abrasives. (EWC – Nr. 120121)

#### 13.1.2 Packing

Follow national and regional regulations.

### 14. Transport Information

The product is not covered by international regulation on the transport of dangerous goods.

### 15. Regulatory Information

#### 15.1. Safety, health and environmental regulations/legislation specific for the product

No specific labelling requirements under respective EC directives.

#### 15.2. Chemical safety assessment

Not relevant.

### 16. Other Information

#### Changes to the previous versions

See sections 1 to 16.

#### Literature and data sources

Directive (1999/45/EC), amended by Regulation (EC) N°. 1907/2006.  
Directive (67/548/EWG), amended by Directive 2009/2/EC.  
REACH Regulation (EC) Nr. 1907/2006, amended by Regulation (EC) N° 552/2009.  
Regulation (EC) N° 1272/2008, amended by Regulation (EC) N° 790/2009.  
Directive 2000/39/EG, amended by Directive 2009/161/EC  
Directive 75/324/EWG, amended by Regulation (EC) N° 219/2009.  
Transport regulations according to ADR, RID und IATA.

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product. The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.

Issued by: Environmental Department  
TYROLIT Schleifmittelwerke Swarovski KG