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## Cloth Abrasives

Product code: TF41, TF50, BTX22, TX52, TJ7, JF4T, HA66, KK718, TZ59, HZ72, HZ8T, CJ83, CJ91, WC44, HC25

Cloth Abrasives

### CHAPTER 1: Identification of the substance/mixture and of the company/undertaking

#### Company

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#### Product

Identification: Abrasive cloths in belts, sheets, rolls  
Application: Coated abrasive material used for sanding and finishing operations of various materials, including metals.

#### Imported notice

Coated abrasives are inert products which do not create any risk when handled or stored. When used on grinding machines they require specific measures to protect the operators. During the grinding operation 90% or more of the particulates of the dust come from the material being ground and, for wet grinding, from aerosols generated by the grinding fluid. Specific attention must therefore be given to the nature of the part and of the fluid and the appropriate protection devices must be installed.

### CHAPTER 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

## CHAPTER 3: Composition/information on ingredients

### Substances

The product contains the following ingredients which are classified according to 67/548/EEC or Regulation (EC) Nr.1272/2008 or for which a community occupational exposure limit value exists:

Substance	EC-Nr	CAS-Nr.	Concentration	Classification acc. to regulation (EC) No 1272/2008	Classification acc. to directive 67/548/EEC
				Hazard Class	Hazard Statements
Trisodium Hexafluoro aluminate	237-410-6	13775-53-6	0%-15%	-	T;R48/23/25 Xn; R20/22 N; R51/53
Potassium Tetrafluoro borate	237-928-2	14075-53-7	0%-20%		Xi;R36

(For full text of H- and R-phrases see section 16)

## CHAPTER 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.

## CHAPTER 5: Firefighting 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.

## CHAPTER 6: Accidental release measures

Not applicable

## CHAPTER 7: Handling and storage

### Precautions for safe handling

**Advice on safe handling:** Follow instructions of grinding machine manufacturers and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.

## CHAPTER 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)

Limit value type (country or origin)	Substance	EC-N°	CAS-N°	Occupational limit value		Peak limit	Source
				Long term	Short term		
				Mg/ m <sup>3</sup>	ML/m <sup>3</sup> (ppm)	Mg/m <sup>3</sup>	ML/m <sup>3</sup> (ppm)
	Total dust			10			

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

#### Personal protective equipment

##### Respiratory protection:

Use respiratory protective equipment  
(Type depends on specific application and material being ground)

##### Hand protection:

Wear protective gloves.  
(Type depends on specific application and material being ground)

##### Eye protection:

Wear protective goggles or face shield.  
(Type depends on specific application and material being ground)

##### Ear protection:

Use hearing protection  
(Type depends on specific application and material being ground)

##### Skin and body protection:

Use protective clothing.  
(Type depends on specific application and material being ground)

## CHAPTER 9: Physical and chemical properties

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

Physical state	Solid
Colour:	/
Solubility in water	Not soluble

### 9.2. Other information

None.

## CHAPTER 10: Stability and reactivity

<b>Reactivity:</b>	Coated Abrasives are stable when handled or stored correctly.
<b>Chemical stability:</b>	No decomposition in normal use.
<b>Possibility of hazardous reactions</b>	No dangerous reactions known.
<b>Conditions to avoid</b>	Coated Abrasives are stable when handled or stored correctly
<b>Incompatible materials</b>	No dangerous reactions known.
<b>Hazardous decomposition products</b>	At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated

## CHAPTER 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.

## CHAPTER 12: ECOLOGICAL INFORMATION

### Toxicity

No effects known.

### Persistence and degradability

No biodegradable potentials known.

### Bio accumulative potential

No potentials known.

### Mobility in soil

No potentials known.

## Results of PBT and vPvB assessment

Not relevant

## Other adverse effects

No effects known.

## CHAPTER 13: Disposal considerations

### 13.1. Waste treatment methods

**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)

**Packing:** Follow national and regional regulations

## CHAPTER 14: Transport information

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

## DEEL 15: Regulatory information

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

No specific labelling requirements under respective EC directives.

### National or local Regulations:

Not relevant.

## DEEL 16: Other information

### 16.1. Changes to the previous versions

See section 1 to 16

### 16.2. Literature and data sources

Directive (1999/45/EC), amended by Regulation (EC) N° 1907/2006.

Directive (67/548/EEC), 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/EC, amended by Directive 2009/161/EC.

Directive 75/324/EEC, amended by Regulation (EC) N° 219/2009.

Transport regulations according to ADR, RID und IATA.

### Hazard statements referred to in section 2 and 3

According to Directive 67/548/EEC:

R48/23/25 Toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed

R20/22 Harmful by inhalation and if swallowed

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R36 Irritating to eyes

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