

# Safety Data Sheet

## according to Ordinance (EC) No. 1907/2006

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### 1. Identification of the substance/preparation and of the company/undertaking

**Trade name:** PLANTEX® Cool Top® Universal flap disc  
**Product type:** Coated abrasives for the grinding / sanding of different kinds of materials  
**Supplier:** **Gerd Eisenblätter GmbH**

Jeschkenstraße 12d  
82538 Geretsried  
Phone: + 49 (0) 8171 / 9082 - 010

**Emergencies:** +49 (0) 8171 / 9082 – 010

### 2. Hazards identification

#### 2.1. Classification

Not applicable

Abrasives are articles and not dangerous substances or mixtures according to the Regulation (EC) No. 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 the Regulation (EC) No. 1272/2008.

#### 2.3. Other hazards

Not known.

### 3. Composition / information on ingredients

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

Substance	EC-No.	CAS-No.	REACH Registration No.	Conc. (%)	Classification acc. to. Regulation (EC) No. 1272/2008 (CLP)	
					Hazard classes / Hazard categories	Hazard statements
Cryolite (sodium aluminium fluoride)	237-410-6	13775-53-6	01-2119511565-43	1 - 9 %	Acute Tox. 4 STOT RE 1 Repr. 2 Aquatic Chronic 2	H332 H372 H362 H411

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

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#### 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.

Skin contact : No harmful effects known.

Eye contact : Not possible, due to the form of the product.

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.

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#### 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.

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#### 6. Accidental release measures

Not applicable.

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#### 7. Handling and storage

Follow instructions of grinding machine manufacturers and the relevant national regulations.

In addition, observe the safety recommendations of the manufacturer.

Store abrasives in dry, frost-free conditions avoiding wide variations in temperature. Ensure they are properly protected and supported to prevent damage und distortion.

Coated abrasives should be stored at 18-22 °C, 45-65 % relative humidity.

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### 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 of origin)	Substance	EC-No.	CAS-No.	Occupational limit value				Peak limit	Source, Remark
				Long term		Short term			
				mg/m <sup>3</sup>	ml/m <sup>3</sup>	mg/m <sup>3</sup>	ml/m <sup>3</sup> (ppm)		
WEL (UK)	Cryolite	237-410-6	13775-53-6	2.5 *					HSC (fluorides, inorganic as F)
European Union	“	“	“	2,5					

\* Valid for UK, other countries: observe national values

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.

#### 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)

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### 9. Physical and chemical properties

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

Physical state: solid  
Colour: various  
Solubility in water: not measured

#### 9.2. Other information

None

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### 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.

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### 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.

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### 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.

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### 13. Disposal considerations

#### 13.1. Waste treatment methods

13.1. 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),

☒ Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) (EWC – Nr. 120120)

13.2. Packing

Follow national and regional regulations.

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### 14. Transport information

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

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### 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.

