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## 1. Identification of the product and of the company/undertaking

### 1.1 Product identifier

CS UNITEC POLY-PTX Eco Smart Mix wheel

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Coated abrasives for grinding / sanding of different kinds of materials.

### 1.3 Details of the supplier of the safety data sheet

Company name: **C.S. UNITEC INC.**  
Street: 22 Harbor Avenue  
Place: US NORWALK CT 06850  
Telephone: 001 2038539522  
e-mail: info@csunitec.com

### 1.4 Emergency telephone number

Telephone: 001 203 8539522

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## 2. Hazards identification

### 2.1 Classification of the substance or mixture

Not applicable. Coated abrasives are articles and not dangerous substances or mixtures according to Regulation (EC) N° 1272/2008. See also section 8 and 16.

### 2.2 Label elements

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

### 2.3 Other hazards

No information available.

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## 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.	Classification	Conc. (%)	R-Phrases

#### 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. 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 substance or mixture

Toxic fumes may occur. Use respiratory protective equipment.

##### 5.3 Advice for firefighters

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.

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## 8. Exposure controls/personal protection

### 8.1 Control parameters

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			
				mg/m <sup>3</sup>	ml/m <sup>3</sup> (ppm)	mg/m <sup>3</sup>	ml/m <sup>3</sup> (ppm)		
ASGW (de)	dust			1,25				TRGS 900 (D) A alveolar dust	
ASGW (de)	dust			10			2 (II)	TRGS 900 (D) A alveolar dust	

*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)

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state, form: solid  
Color: not applicable  
Solubility in water: not applicable

### 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.

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## 12. Ecological information

### 12.1 Toxicity

No effects known.

### 12.2 Persistence and degradability

No biodegradable potentials known.

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### 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

#### 13.1.1 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.

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## 14. Transport information

### Land transport (ADR/RID)

14.1 UN-Nummer:	No dangerous good in sense of this transport regulation.
14.2 UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3 Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4 Packing group:	No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

14.1 UN-Nummer:	No dangerous good in sense of this transport regulation.
14.2 UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3 Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4 Packing group:	No dangerous good in sense of this transport regulation.

### Marine transport (IMDG)

14.1 UN-Nummer:	No dangerous good in sense of this transport regulation.
14.2 UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3 Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4 Packing group:	No dangerous good in sense of this transport regulation.

### Air transport (ICAO-TI/IATA-DGR)

14.1 UN-Nummer:	No dangerous good in sense of this transport regulation.
14.2 UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3 Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4 Packing group:	No dangerous good in sense of this transport regulation.

## 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.

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## 16. Other information

### Changes to the previous versions

See sections 1 to 16.

### Literature and data sources

REACH Regulation (EC) Nr. 1907/2006

Regulation (EC) N° 1272/2008

Directive 98/24/EC

Directive 2000/39/EC

Directive 75/324/EEC

Decision 2000/532/EC

Transport regulations according to ADR, RID und IATA.

### According to Regulation (EC) N° 1272/2008:

None

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The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.