



**OPT.PD** (Heavy Duty)

optima

# Optima Premium Sanding Disc Material Safety Data Sheet

## SECTION 1: IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

### 1.1 PRODUCT IDENTIFIER

OPT.PD40  
OPT.PD80

### 1.2 USE OF THE PRODUCT

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

### 1.3. DETAILS OF THE SUPPLIER OF THE SAFETY SHEET

LKQ Coatings,  
Newberry House, Michigan Drive,  
Tongwell, Milton Keynes,  
Buckinghamshire,  
MK15 8HQ, UK

### 1.4. EMERGENCY TELEPHONE NUMBER

+44 (0)1908 611117  
(08:00 – 17:00 Mon to Fri)

## SECTION 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.

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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-N°	CAS-N°	REACH Registration N°	Conc. (%)	Classification acc. to Regulation (EC) N°1272/2008 (CLP)		Classification acc. to Directive 67/548/EWC
					Hazard classes/ hazard categories	Hazard statements	

\* Minimum classification  
(For full text of H- and R-phrases see section 16)

### SECTION 4: FIRST AID MEASURES

See also section 8 and 16

#### 4.1. DESCRIPTION OF FIRST AID MEASURES

<b>Inhalation:</b>	Not possible, due to the form of the product
<b>Eye contact:</b>	Not possible, due to the form of the product
<b>Skin contact:</b>	No harmful effects known
<b>Ingestion:</b>	Not likely, due to the form of the product; if necessary contact physician
<b>Note to physician:</b>	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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## SECTION 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.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Not applicable.

## SECTION 7: HANDLING AND STORAGE

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

## SECTION 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-N°	CAS-N°	Occupational limit value				Peak limit	Source, Remark
				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)		
GB	Inorganic Flourine	-	-	2.5	-	-	-	GB - HSE	

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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## Material Safety Data Sheet

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** solid

**Colour:** blue

**Solubility in water:** non

#### 9.2. OTHER INFORMATION

None.

### SECTION 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.

### SECTION 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.

### SECTION 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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### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. WASTE TREATMENT METHODS

<b>Product</b>	Follow national and regional regulations.
<b>Yes</b>	Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) (EWC – Nr. 120120)
<b>Packing</b>	Follow national and regional regulations.

### SECTION 14: TRANSPORT INFORMATION

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

### SECTION 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.

### SECTION 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.

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

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

H372	Can cause damage to lungs.
H332	Harmful if inhaled
H315	Irritating to skin
H319	Can cause serious eye irritation

#### According to Directive 67/548/EWC:

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.

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 to existing laws and regulations.

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