



**KLINGSPOR**  
The Most Sanding Power for Your Money!®

## Material Safety Data Sheet

Company: KLINGSPOR ABRASIVES, INC.  
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**Product name: COATED ABRASIVES - CERAMIC**

Date of issue : January 01, 2006

### 1. Substance / preparation

Product name: coated abrasives

### 2. Hazardous ingredients

Abrasive	5 - 60%
Bond	5 - 25%
Fillers	0 - 20%
Backing	20 - 90%

#### May contain any or all of the following:

Aluminum Oxide or Alumina Zironica or Ceramic Alumina	10mg/m <sup>3</sup>
Silicon Carbide	10mg/m <sup>3</sup>
Florides (as F)	2.5mg/m <sup>3</sup>

### 3. Physical and chemical properties

Boiling point/Boiling range (°C):	Not applicable
Specific Gravity:	Not applicable
Vapor pressure(mbar) :	Not applicable
Percent Volatile by Volume :	Not applicable
Vapor Density :	Not applicable
Evaporation Rate :	Not applicable
Solubility in water:	Not applicable
Appearance and Odor:	Cloth, Paper or Fibre Coated with Abrasive Material

### 4. Fire and Explosion Hazard Data

Flash Point :	Not applicable
Flammable Limits :	Not applicable
Extinguishing Media:	Water, Carbon Dioxide, Foam, Dry Chemical
Special Fire Fighting Procedures:	Backings and Coatings will burn or decompose, use respiratory protection
Unusual Fire and Explosion Hazards:	None

### 5. Health Hazard Data

Threshold Limit Value:	During use dust - inert or nuisance dust. Federal Permissible Exposure Limit Respirable fraction 5 mg/m <sup>3</sup> Total Dust 15 mg/m <sup>3</sup>
Inhalation:	Provide fresh air.
Skin contact:	May cause abrasions. Obtain medial assistance, if needed.
Eye contact:	Flush eyes with plenty of water. Mechanical irritations only.

## 6. Reactivity Data

Conditions to avoid: No hazardous reaction known.  
Stability: Stable  
Substances to avoid: None  
Hazardous decomposition products: Will not occur

## 7. Spill or Leak Procedures

Steps to be taken in case material is released or spilled: No special procedures  
Waste disposal method: No special procedures

## 8. Special Protection Information

Respiratory protection: Yes - must be adequate to combat nuisance dust.  
Hand protection: Yes - must be adequate to protect hand against abrasion when grinding  
Eye protection: Yes - face shield or well fitting goggles to combat dust ingress when grinding  
Ventilation: Utilize local exhaust to keep airborne concentration below limits  
Other: As needed, hearing protection

## 9. Special Precautions

Precautions to be taken in handling and storing: No special procedures  
Other precautions: Normal precautions should be taken for nuisance dust and particulates generated during grinding, which will be principally from the workpiece rather than the product