

**MATERIAL SAFETY DATA SHEET****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

SUPPLIER: METPREP LTD.  
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CHEMICAL NAME:

PRODUCT: ABRASIVE BELTS

PRODUCT NUMBERS: Various

**IMPORTANT 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 operators. During grinding operations 90% or more of the particulate of 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.

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NATURE: Aluminium Oxide and/or Silicon Carbide and Zirconia bonded to cloth backing using cured urea/melamine resin containing Kaolin and Sterate fillers

INGREDIENT (S):	CAS NUMBER:	%:	HAZARD SYMBOL:	R PHRASES:
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**3. HAZARDS IDENTIFICATION**

Coated abrasives are not hazardous products.

**4. FIRST AID MEASURES**

GENERAL INFORMATION: NA.

INHALATION:	Remove to fresh air. In case of irritation to respiratory system, seek medical attention.
SKIN:	NA.
EYE:	Irrigate with eyewash solution or clear water, holding the eyelids apart, for at least 5 minutes. Obtain immediate medical attention.
INGESTION:	NA.

**5. FIRE FIGHTING MEASURES**

EXTINGUISHING MEDIA: Dry Sand, foam, dry powder or CO<sub>2</sub>.

UNSUITABLE EXTINGUISHING MEDIA:

FIRE FIGHTING PROTECTIVE EQUIPMENT: A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

FURTHER INFORMATION: NA.

**6. ACCIDENTAL RELEASE MEASURES**

PERSONAL PECAUTIONS: NA  
ENVIRONMENTAL PRECAUTIONS: NA  
METHODS OF CLEANING UP: NA

<b>MATERIAL SAFETY DATA SHEET</b>
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**7. HANDLING AND STORAGE**

**HANDLING:** Follow recommendations for machines and national regulations.  
**STORAGE:** Keep only in original container. Store in cool, dry place away from heat, sparks, flame and direct sunlight.  
 Keep away from sources of ignition – No Smoking.

**INDUSTRIAL HYGIENE PRACTICES:** Wash face and hands thoroughly with the soap and water after use and before eating, drinking, smoking or applying cosmetics.

**8. EXPOSURE CONTROL / PERSONAL PROTECTION**

NOT APPLICABLE WHEN COATED ABRASIVES ARE HANDLED OR STORED:

During the grinding operation with coated abrasives particles of dust come from the material being ground. The general value for dust is max 6 mg /m<sup>3</sup>

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>FORM:</b>	Solid
<b>COLOUR:</b>	Various
<b>ODOUR:</b>	NA
<b>PH</b>	NA at 20 °C
<b>BOILING POINT:</b>	NA °C
<b>MELTING POINT:</b>	NA °C
<b>THERMAL DECOMPOSITION:</b>	NA °C
<b>IGNITION TEMPERATURE:</b>	NA °C
<b>VAPOUR PRESSURE:</b>	NA at 20 °C
<b>DENSITY:</b>	NA g/cm <sup>3</sup>
<b>BULK DENSITY:</b>	NA kg/m <sup>3</sup>
<b>WATER SOLUBILITY:</b>	Insoluble
<b>MISCIBILITY WITH WATER:</b>	NA
<b>VISCOSITY:</b>	NA at 25 °C

**10. STABILITY AND REACTIVITY**

**CONDITIONS TO AVOID:** No hazardous reactions known. Avoid heat, flames, sparks and other sources of ignition.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids, strong bases & oxidising agents may modify the mechanical characteristics of the products and create safety hazards when used on machines.

**HAZARDOUS DECOMPOSITION PRODUCTS:** If coated abrasives are used in accordance with instructions no hazardous decomposition products are created.

**11. TOXICOLOGICAL INFORMATION**

NOT APPLICABLE WHEN HANDLED OR STORED

According to the experience gathered for many years, coated abrasives, when properly used have no adverse effect on health, refer to the preliminary not about dust and aerosols of grinding fluid.

**12. ECOLOGICAL INFORMATION**

Based upon current information, there are no special regulations on degradability testing to be observed.

**MATERIAL SAFETY DATA SHEET****13. DISPOSAL CONSIDERATIONS**

PRODUCT: After use, coated abrasives may be contaminated with hazardous materials (particles or cooling agents) and should be disposed of in accordance with national regulations.

**14. TRANSPORTATION**

LAND TRANSPORT:

ADR

REGULATION: Not dangerous goods – full transport

RID:

REGULATION: Not dangerous goods – full transport

AIR TRANSPORT –

IATA CLASS:

REGULATION Not dangerous goods – full transport

OCEAN TRANSPORT –

IMDG CLASS:

REGULATION Not dangerous goods – full transport

**15. REGULATORY INFORMATION**

EC REGULATIONS –

EINECS: all chemical listed

EEC Classification:

Risk Phrases:

Safety Phrases:

HAZARDOUS COMPONENTS WHICH MUST BE LISTED ON THE LABEL:

NATIONAL LEGISLATION:

NOTIFICATION STATUS: EINECS Not Required  
TSCA

**16. ADDITIONAL INFORMATION**

This data sheet was prepared in accordance with Directive 91/155/EEC.

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