



KLINGSPOR
The Most Sanding Power for Your Money!®

Material Safety Data Sheet

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Note: Coated abrasives are inert products, which do not cause risks when stored or handled. During the use on machine tools, special care has to be taken to protect the users. 90% of abrasive dust particles come from the abrasive material which is being converted and from the cooling liquid, if any, so that special attention has to be given to the features of the abrasive material and to the cooling agent (if any).

Product name: POWER WHEEL

Date of issue : January 01, 2006

1. Composition/information on ingredients

Abrasive material: Aluminum Oxide or silicon carbide applied on supporting material composed of plastic or nylon filaments through resin.

2. Possible hazards

Not Applicable: According to EEC Regulations converted abrasives are not dangerous products.

3. First-aid measures

The following devices are basic rules during the use of coated abrasives and have to be completed by the information given in the security sheets of the abrasive material and of the cooling liquid, if any.

Eye contact: Avoid exposure. Irrigate immediately and plentifully with water. Immediately consult a physician.

Skin contact: Wash the surface with soap and water.

Inhalation: Avoid exposure. In case of symptoms remove to fresh air. If symptoms persist consult a physician.

Ingestion: In case of ingestion no first help is necessary.

4. Fire-fighting measures

Suitable fire-fighting equipment: Water. Carbonic anhydride. Dry chemical. Foam.

Fire-Fighting procedure: Wear a complete protection outfit; helmet with visor and neck protection, pressure respirator or self-contained breathing apparatus, fireproof trousers and jacket with strips around arms, legs and waist.

5. Accidental release measures

NOT APPLICABLE.

6. Handling and storage

Store at controlled temperature and humidity to avoid damages causing risks of breakage.

7. Exposure controls and personal protection

NOT APPLICABLE FOR HANDLING AND STORAGE.

During use, refer to the instructions of operating machines, to National Rules and strictly respect the indicated maximum speeds of use and utilize the correct spindles to be adapted to the wheel diameter.

Eye Protection:	Wear security goggles
Hand Protection:	Wear protective gloves.
Respiratory protection:	Use antidust mask.
Ingestion:	Not applicable.
Hearing protection:	During the normal use power wheels do not produce such a noise level to require hearing protection. In each case, please follow the relevant law regulations.
Skin protection:	Wear reliable protective clothing.
Advised ventilation:	If necessary, according to the type of treated material, provide for a localized suction during use.

8. Physical and chemical properties

Physical state, color, odor:	Solid abrasive product, odorless.
PH value:	N/A
Boiling/Point/range:	N/A
Melting point/range:	N/A
Flash Point:	N/A
Auto-ignition point:	N/A
Vapor pressure:	N/A
Relative density:	Unknown
Vapor density:	N/A
Volatile organic compounds:	N/A
Evaporation speed:	N/A
Viscosity:	N/A

9. Stability and reactivity

Conditions to be avoided:	Excessive heat or humidity.
Materials to be avoided:	Strong acids, strong bases and concentrated oxidizing materials can modify product's characteristics, particularly those of the adhesive and can cause problems then the wheels are used on machines.
Hazardous decomposition products:	Carbonic oxide and carbonic anhydride.
Stability and Reactivity:	Stable. It does not dangerously polymerize.

10. Toxicological information

Eye Contact:	Mechanical irritation of eyes: symptoms can include irritation, reddening, cornea abrasion and watering. Dusts arising from use can cause eye inflammation.
Skin Contact:	Mechanical skin irritation: symptoms can include itches and erythema.
Inhalation:	Irritation (upper respiratory section); symptoms can include nose ache and throat ache, cough, sneezing. Dusts arising during use can cause irritation of respiratory system.
Ingestion:	Ingestion is not a probable way of exposure to this product.
Other toxicologic information:	Health hazards derive from the material that is grinded.

11. Ecological information

Motion:	When coated abrasives are being used, fragments are easily retained on fixed machines or by way of suitable protections when used on portable machines.
Persistence and biodegradation property:	Not biodegradable.
Potential of bioaccumulation:	Not applicable.
Ecotoxicity data:	Information not available.

12. Disposal considerations

National and local laws to be followed.

Note: Residues can be accidentally contaminated after use. For waste disposal consider also the material that is grinded.

13. Transport information

UN number: No regulations.
ADR/RID Class: No regulations.
IMO Class: No regulations.
ICAO Class: No regulations.

14. Regulatory information

EEC regulation: No specific marking is required by EC regulation 88/379 EC: National or local regulations: refer to relevant documents.

15. Other information

Information given in this security sheet is based on data available at present and according to our best knowledge regarding the more suitable procedures for product handling under normal conditions. Any other use of the product not according to the information of present sheet or the use of product together with any other product or in any other process, fall on the sole responsibility of the user. Laws and regulation have to be strictly followed by users who are responsible for the use of products described on present sheet.