



STRUMENTI E FORNITURE PER I PROFESSIONISTI DELL'ARTIGIANATO, DELL'INDUSTRIA E DELL'AUTOMOTIVE.

## SAFETY DATA SHEET

# ABRASIVE LAPPING WHEELS

Items groups 340 00 / 341 00

### 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY.

**PRODUCT NAME:** ABRASIVE LAPPING WHEELS

**INTENDED USE:** Abrasive disks for use on fixed and portable machines.

**NAME OF THE COMPANY:** MECCANOCAR ITALIA S.R.L.  
Capannoli (PI) 56033 Via S. Francesco 22  
-TEL. 0587/609433 (10 lines R. A.)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Abrasive:** synthetic corundum. Synthetic silicon carbide. Zirconium oxide + corundum.

**Bond:** organic; polymerised synthetic resin.

**Bond additives:** carbonates. Sulphured compounds.

**Doublers:** glass tissues.

**Others:**

### 3. DANGER IDENTIFICATION

NOT APPLICABLE.

According to EC directives n° 88/379 bond abrasives are not dangerous products.

### 4. FIRST-AID MEASURES

NOT APPLICABLE WHEN BOND ABRASIVE PRODUCTS ARE NOT ASSEMBLED ON MACHINES.

The following recommendations are basic rules during grinding operations: they have to be completed with the information to be found in the Safety data sheets of worked material and of refrigerant liquid when it is used.

**Inhalation of powder:** do not expose to the emission source. Address the medical assistance if symptoms persist.

**Skin:** no dangerous effects are known.

**Eyes:** do not expose to the emission source. Wash yourself with clean water. Address the

medical assistance if symptoms persist.  
**Ingestion:** no dangerous effects are known.

## 5. FIRE-FIGHTING MEASURES

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No specific one.

You can use: water, powder, foam, sand, CO2 if compatible with the environmental situation.

## 6. ACCIDENTAL RELEASE MEASURES

NOT APPLICABLE.

## 7. HANDLING AND STORAGE

The following recommendations are meant to protect bond abrasive from damage that can cause a breaking risk when they are assembled on an operational machine.

- Fragile products: handle and store with caution.
- Store at moderate temperatures and humidity. Excessive heat, humidity, or thermal sudden changes can mechanically weaken grinding wheels and create risks for the safety use of the same grinding wheels employed on the machines.
- For detailed recommendations refer to the FEPA SAFETY CODE, to the recommendations on FEPA safety use of abrasive grinding wheels.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

NOT APPLICABLE WHEN BOND ABRASIVE PRODUCTS ARE HANDLED OR STORED.  
When abrasive products are used, refer to the instructions on operational machines and rules on the prevention of professional accidents during work.

For a safe use of bond abrasive products refer to the SAFETY CODE and to FEPA RECOMMENDATIONS and to National Regulations.

The following personal protection equipments according to working and grinded material are to be used.

- Protection for eyes: machine protection casing and shield or safety goggles.
- Protection for skin: use of anti-powder machine.
- Protection for hands: use of protective crèmes or protective gloves.
- Protection for hearing: use of casing or equivalents.
- Protection for skin: wear reliable protective clothing.

Hygiene measures: no specific regulations.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** solid.  
**Colour:** variable.  
**Odour:** variable.  
**pH:** n. a.  
**Physical state change:** n.a.  
**Density:** depending on the product 0,8 – 3,5 g/cm<sup>3</sup>.  
**Volumetric weight:** n.a.  
**Vapour tension:** n.a.  
**Melting point:** n.a.  
**Explosive properties:** n.a.

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**Viscosity:** n.a.  
**Solubility in water:** not defined.

## 10. STABILITY AND REACTIVITY

Grinding wheels are stable and not reagent when they are handled or stored.

**Conditions to avoid:** excessive heat or humidity.

**Materials to avoid:** strong acids, strong basis and oxidizing agents can modify the characteristics of the product and create safety risks when the grinding wheels are used on machines.

**Dangerous decomposition products:** if the grinding wheels are used following the instructions, no dangerous decomposition wheels develop.

**Other indications:** none.

## 11. TOXICOLOGICAL INFORMATION

NOT APPLICABLE WHEN THEY ARE HANDLED OR STORED.

According to the experiences gained in practice, bond abrasives, when properly used, have no harmful effects on health; refer to the preliminary notes on powders and vapours.

## 12. ECOLOGICAL INFORMATION

**Mobility:** when bond abrasives are in use, fragments are easily kept on fixed machines or with suitable shields for working on portable machines.

**Persistence and degradability:** not biodegradable.

**Bioaccumulation potential:** not applicable.

**Ecotoxicity:** not applicable.

## 13. DISPOSAL CONSIDERATIONS

The residual products of the grinding wheels can be accidentally contaminated after use. (Fragments of grinded material or refrigerant liquid waste).

Local and national regulations must be complied with.

## 14. TRANSPORT INFORMATION

- Grinding wheels are not dangerous products.
- No specific regulations must be adopted for any kind of transport. Protect from rain and excessive temperature and humidity.

No special precautions are necessary except for making sure that no damage to the product occur.

## 15. REGULATION INFORMATION

EC Regulations: NO specific marking is required by directive n° 88/379 EC.

Local or national regulations: refer to pertaining texts.

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## 16. FURTHER INFORMATION

### ATTENTION.

The above-described indications are based on present practice and represent no guarantee.

Laws and regulations must be strictly complied with by users who remain responsible for the use of bond abrasives.

### NOTE FOR USERS:

The information contained herein is based on our state of knowledge at the above-specified date. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses. This sheet cancels and replaces any preceding release.

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