



CAMEL GRINDING WHEELS

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## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identity / Trade Name** : Coated abrasives -Resin over resin, cotton cloth polyester cloth, vulcanized fiber, fiberglass backing.  
( abrasive cloth rolls ,endless cloth belts , vulcanized fiber discs ,flap discs, semiflex discs)

**Product Use:** Abrasive materials used for metals ,wood, plastics, marble & stones, building materials , etc.

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**Revision date** : -

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Abrasive** : Aluminium Oxide (Al<sub>2</sub>O<sub>3</sub>)  
Silicon Carbide (SiC)  
Zirconia Alumina (ZrO<sub>2</sub>-Al<sub>2</sub>O<sub>3</sub>)

**Bond** : Cured phenolic resin

**Fillers** : Calcium carbonate  
Cryolite

**Backing** : Cotton cloth  
Polyester cloth  
Vulcanized fibre  
Fibreglass backing

### 3. HAZARDS IDENTIFICATION

Not Applicable : According to EC Directive Nr. 88 /379 , coated abrasives are not dangerous products .

### 4. FIRST AID MEASURES

Only applicable when coated abrasives are in use on machines during grinding operations. The following recommendations are basic rules during use of coated abrasives and have to be completed by the information given in the safety data sheets of the material and of the cooling liquid , if any used.

Skin contact : No hazardous effect known. Wash dust from skin with soap and water.

Eye contact : Flush eyes with clean water ,holding open eyelids. If irritation persists, get medical assistance.

Dust inhalation : If overexposed to dust ,remove victim to fresh air and get medical assistance.

Ingestion : If sanding dust is swallowed , get medical assistance if needed.

### 5. FIRE FIGHTING MEASURES

Flammability : When exposed to direct flame, combustion occur. Backings and cured resin will burn and/or decompose, use respiratory protection.

Flammable limits : LEL : N/A UEL : N/A

Flash point : Non-combustible.

Extinguishing media : water , carbon dioxide, dry chemical ,foam, sand can be used if appropriate to surrounding fire conditions.

Unusual fire and explosion hazards: N/A

### 6. ACCIDENTAL RELEASE MEASURES

Clean up : Follow normal clean up procedures.

### 7. HANDLING AND STORAGE

Recommended work practices : Use in adequate ventilated areas. Avoid breathing dust. Wash thoroughly after handling and use, especially before eating ,drinking . Store in dry location , at controlled temperature and humidity conditions.( 18–22 °C and 45–65 % humidity)

For additional work practice requirements refer to FEPA Safety Leaflets for the use of coated abrasives.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

NOT APPLICABLE FOR HANDLING AND STORAGE

During use ,refer to the instructions of operating machines and to National rules and respect the recommended maximum speed of use. Refer to FEPA Safety leaflets: “General” and “portable” for coated abrasives.

The following personal protective equipment should be used dependent on the operation and the material being ground :

Eye protection : Machine guarding and wear safety goggles of face shield.

Hand protection : Wear protective, cloth or leather gloves.

Ear protection : Use ear muffs .

Respiratory protection : Use antidust mask.

Skin protection : Wear reliable protective clothing.

Advised ventilation : If necessary , use local exhaust or general ventilation to minimize exposure to dust.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: solid
Color	: variable
Odor	: Not applicable.
Density	: Not applicable.
Vapor pressure	: Not applicable.
Flash point	: Not applicable.
Evaporation rate	: Not applicable
Explosion properties	: Not applicable
Viscosity	: Not applicable
Solubility in water	: Not applicable
Specific gravity	: Not applicable.
Melting point	: Not applicable.

## 10. STABILITY AND REACTIVITY

Coated abrasives are stable and non reactive when handled or stored.

Conditions to avoid : Not applicable.

Materials to avoid : Strong acids and bases ,concentrated strong oxidizing agents can modify product's characteristics, particularly those of the resin and can cause safety problems when used on machines.

Hazardous decomposition products : When used in accordance with instructions no hazardous decomposition products are created.

Hazardous polymerization : Will not occur.

## **11. TOXICOLOGICAL INFORMATION**

During handling and storing not applicable.

Dusts arising from use can cause eye inflammation, irritation of respiratory system.

When properly used , coated abrasives have no health hazards .

Coated abrasives are not acutely toxic products.

## **12. ECOLOGICAL INFORMATION**

Motion : Not applicable.

Persistence and biodegradation property : Not biodegradable.

Potential of bioaccumulation : Not applicable.

Ecotoxicity data : Specific information not available.

## **13. DISPOSAL CONSIDERATIONS**

Coated abrasives may be contaminated after use. National and local regulations must be obeyed for disposal .

## **14. TRANSPORT INFORMATION**

Coated abrasives are not hazardous products.

## **15. REGULATORY INFORMATION**

EC Regulations : No specific marking is required by EC regulation 88/379 EC.

National or local regulations : Refer to relevant documents.

## **16. OTHER INFORMATION**

Information given in this Material Safety Data Sheet is based on data available currently and written according to our knowledge for product handling under normal conditions. Since the use of this information and the conditions of use of this product are not within the control of Inter Abrasiv Inc. , users who are responsible for the use of coated abrasives must strictly follow the laws and regulations.