

Updated on 04-08-15

TEX A/O

Product code:

TEX A/O

CHAPTER 1: Identification of the substance/mixture and of the company/undertaking

Company

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Product

Identification: TEX A/O – abrasive nylon in belts, sheets, discs and rolls
Application: Coated abrasive material used for sanding and finishing operations of various materials, including metals.

Imported 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 the operators. During the grinding operation 90% or more of the particulates of the 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.

CHAPTER 2: Hazards identification

Not applicable. (See Reach Regulation).

Abrasive wheels, not being a compound, are excluded from the list of dangerous products as defined in EC Reach Regulation.

CHAPTER 3: Composition/information on ingredients

Substances

The product contains the following ingredients:

Aluminium Oxide Mineral
Nylon Fiber
Phenolic Resin
Phenolic – Paper
Epoxy Resin

CHAPTER 4: First aid measures

See also section 8 and 16

4.1. Description of first aid measures

Inhalation:	Remove person to fresh air. Seek medical advice if symptoms persist.
Eye contact:	Remove from exposure and flush eyes with large amount of water. Seek medical advice if symptoms persist.
Skin contact:	Wash affected area with soap and water. Seek medical advice if symptoms persist.
Ingestion:	No health effects are expected.
Note to physician:	Not available.

CHAPTER 5: Firefighting measures

Toxic fumes may occur. Use respiratory protective equipment.
Extinguishing media: Water, foam, sand, powder or CO₂ as appropriate for surrounding materials.

CHAPTER 6: Accidental release measures

Not applicable.

CHAPTER 7: Handling and storage

Follow instructions of grinding machine manufacturers and the relevant national regulations. Store in a dry and safe place. Be careful not to drop the wheels across the floor. Humidity, along with deformation from rough handling, can cause inadequacy of the product. If the wheels have been soaked or steeped, do not use them, even after a thorough drying. Store products for at least 24 hours at moderate temperatures below 40 °C (104 °F).

CHAPTER 8: Exposure controls/personal protection

Respect maximum RPM as showed on sanding wheels.

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

Provide appropriate local exhaust ventilation for sanding, grinding or machining. Provide ventilation adequate to control dust concentrations below recommended exposure limits and/or control dust.

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures and/or control dust, fume, or airborne particles. If ventilation is not adequate, use respiratory protection equipment.

Note: Hazardous dust/fumes of workpiece material may be generated during grinding and/or sanding operations. National regulations for dust exposure limit values have to be taken into consideration.

Exposure controls

Occupational exposure controls

Respiratory protection

Use respiratory protective equipment (Type depends on specific application and material being ground.)

Hand protection

Wear protective gloves. (Type depends on specific application and material being ground.)

Eye protection

Wear protective goggles or face shield. (Type depends on specific application and material being ground.)

Hearing protection

Use hearing protection. (Type depends on specific application and material being ground.)

Body protection

Use protective clothing. (Type depends on specific application and material being ground.)

CHAPTER 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Bordeaux
Odour:	None
Odour threshold:	Not applicable
Occurrence (20°C)	Not applicable
Viscosity:	Not applicable
Dynamic viscosity, mPa, s/20°C:	Not applicable
Kinematic viscosity, mm ² /s/20°C:	Not applicable
Volatile Organic Compound (VOC):	Not applicable
Volatile Organic Compound (VOC):	Not applicable

Test method

pH-value (at 20°C):	Not applicable
pH 1% diluted in water:	Not applicable

Changes in the physical state

Melting point/melting range:	Not applicable
Boiling point/Boiling range:	Not applicable
Vapour pressure/20°C, Pa	Not applicable
Vapour density, %	Not applicable
Evaporation rate (n-BuAc = 1)	Not applicable
Flash point:	Not applicable
Decomposition temperature	No data available

Inflammability

Fixed:	Not applicable
Gas:	Not applicable
Auto-ignition temperature:	Not applicable

Explosive properties

Lower Explosive or Flammable Limit (Vol %)	Not applicable
Upper Explosive or Flammable Limit (Vol %)	Not applicable
Explosive properties:	Not applicable

Oxidising properties:	Not applicable
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Density (at 20°C):	/
Water solubility (at 20°C):	Not applicable
n-Octanol-water partition coefficient:	Not applicable
None.	

CHAPTER 10: Stability and reactivity

Chemical stability:	Stable. Abrasives wheels are stable when handles or stored correctly.
Conditions to avoid	None known.
Incompatible materials	None known.
Hazardous decomposition products	Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, misuse or reaction with another material.

CHAPTER 11: Toxicological information

No toxicological effects if inhaled or swallowed or with eye or skin contact are known. See also section 8.

CHAPTER 12: ECOLOGICAL INFORMATION

Ecotoxicity:	No effects known.
Mobility:	No potentials known.
Persistence and degradability:	No biodegradable potentials known.
Bio accumulative potential:	No potentials known.
Other hazardous effects:	No effects known and material being ground

CHAPTER 13: Disposal considerations

Product:	If not used, follow national and regional regulations. After use, abrasive wheels may be contaminated with hazardous materials (particle or cooling agents) and should be disposed of in accordance with national and regional regulations.
Packing:	Follow national and regional regulations.

CHAPTER 14: Transport information

Abrasive wheels are excluded from the list of dangerous products as defines in EC Reach Regulation.

DEEL 15: Regulatory information

No specific labelling requirements under respective EC directives.

DEEL 16: Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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