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SP717C

Product code:

SP717C

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

Company

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Product

Identification: SP717C – abrasive cloths in belts, sheets, 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

2.1. Indications on marking

In accordance with EEC classifications, flexible abrasive products are not subject to current regulations regarding hazardous products.

2.3. Other hazards

None

CHAPTER 3: Composition/information on ingredients

Abrasive: Silicon Carbide
Bond: Polymerized Synthetic Resin
Filler: Calcium Carbonate
Backing: Cellulose waterproof paper

CHAPTER 4: First aid measures

4.1. Description of first aid measures

Inhalation: Move away from exposure area. Ask for medical care.
Eye contact: Rinse thoroughly with water. Ask for medical care if irritation persists.
Skin contact: Rinse thoroughly with water. Ask for medical care.
Ingestion: In the event of ingestion, ask for medical care
Note to physician: Not available

CHAPTER 5: Firefighting measures

5.1. Extinguishing media

Extinguishing media: Water, extinguishing powders, foams, sand, CO₂

5.2. First intervention

No specific rule.

5.3. Other indications

None

CHAPTER 6: Accidental release measures

Not applicable

CHAPTER 7: Handling and storage

Precautions for safe handling

Advice on safe handling: Brittle products – Handle with the necessary precautions to avoid them being damaged, as this may cause damage when these products are mounted on the machine tool.

Storage: Store at temperature of between 15 °C and 20 °C and at a relative humidity of between 50% and 70%.

CHAPTER 8: Exposure controls/personal protection

Adhere to the exposure limits for fine dust.
You are recommended to install dust aspirators and to take other specific protection measures.
As regards grinding operations involving aluminium and its alloys, refer to the specific regulations.
For proper use of flexible abrasives, follow FEPA safety standards.

Personal protective equipment

Respiratory protection: Aspirator mask
Hand protection: Wear protective gloves.
Eye protection: Wear protective goggles.
Ear protection: Use ear protectors (ear muffs or plugs)

Protection against fire and explosion

No specific rule

CHAPTER 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Solid
Colour: Variable
Solubility in water: Not applicable
Smell: No specific smell
Ph: Not measurable
Vapour pressure: Not measurable
Viscosity: Not measurable
Flash point: Not measurable
Explosive properties: None

9.2. Other information

None.

CHAPTER 10: Stability and reactivity

10.1. Conditions to avoid

Excess of heat and humidity can damage the product or cause safety hazards during use.

10.2. Materials to avoid

In the case of non-waterproof products, do not use with water or emulsions.

Avoid use of acids and oxidizing agents, which may cause modifications to the product and represent safety and health hazards during use.

10.3. Dangerous products of decomposition

If these products are applied according to normal use, the risk of them causing problems is practically nil.

10.4. Other indications

None

CHAPTER 11: Toxicological information

11.1. Information on toxicological effects

According to the information at our disposal, provided they are used properly, flexible abrasives do not develop substances that are harmful for the health of the user.

In any case, it is extremely important that appropriate aspiration systems should be installed to aspirate the dust from machined materials, especially during dry abrasion operations.

CHAPTER 12: ECOLOGICAL INFORMATION

12.1. Persistence and degradability

Non-biodegradable

12.2. Bio-accumulative potential

Non considered significant

12.3. Ecotoxicity

None.

CHAPTER 13: Disposal considerations

In compliance with current national and local legislation

CHAPTER 14: Transport information

No specific regulations regarding transportation.

DEEL 15: Regulatory information

EEC regulations: None
National or local regulations: Refer to relevant texts

DEEL 16: Other information

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