

AGGLOMERATED CORK ROLLS MATERIAL SAFETY DATA SHEET

This Material Safety Data Sheet (MSDS) applies to all Granorte's agglomerated cork roll types.

1 IDENTIFICATION OF PRODUCT AND COMPANY

Trade name: Agglomerated Cork Roll

Definition:

Agglomerated cork made by pressing a mixture of cork granules, of specified dimension and density, with the addition of a polyurethane cork binder (modified poly-isocyanate with isocyanate end groups). Produced in cork cylinders with maximum dimensions of 950 (dia) x 1270 (wid) mm. The cylinders are peeled in a rolled continuous sheet of thickness between 0,8 mm and 8 mm.

Manufacturer:

GRANORTE - Revestimentos de Cortiça, Lda.
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Informing department: Product management.
Emergency information: Tel. +351 256783026

2 COMPOSITION / DATA ON COMPONENTS

Composition: Granulated cork: 90,3 % of total weight;
Polyurethane cork binder: 9,7 % of total weight;

Dangerous components of ready product: None

3 HAZARDS IDENTIFICATION

Hazard designation: None for product as sold.

Solid material, manual or mechanical machining can result in the generation of cork dust. Cork dust can cause nasal dryness, irritation and obstruction.

4 FIRST AID MEASURES

General information: No special measures required.

Inhalation:

No hazards for product as sold. Operations may produce dust that may be irritating. Remove to fresh air. Get medical advice if persistent irritation or breathing difficulty occurs.

Skin Contact:

No hazard known for usual practice.

Eye Contact:

No hazards for product as sold. Operations may produce dust that may be irritating. Rinse eyes with fresh water. If irritation persists, seek medical attention.

Ingestion:

No hazard known for usual practice.

5 FIRE FIGHTING MEASURES

Agglomerated cork burns slowly and do not present any special risk and is not an explosion hazard product. Sanding, sawing or machining can result in the generation of cork dust that can present an explosion hazard if a dust cloud contacts an ignition source.

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Flash Point: N/A

Suitable extinguishing agents:

Use extinguishing media appropriate for surrounding fire. Extinguishing powder, sprayed water or foam can be used.

Protective equipment:

Protective clothing and self-contained breathing apparatus may be required.

Products of combustion:

Hazardous decomposition products include carbon oxides (CO and CO₂).

6 ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Not required.

Measures for environmental protection: Not required.

Measures for cleaning/collecting:

Dust generated from sawing, sanding, drilling, or routing of products may be vacuumed for recovery or disposal. Avoid dusty conditions and provide good ventilation.

Additional information: No dangerous materials are released.

7 HANDLING AND STORAGE

Information for safe handling:

No special measures required. Follow normal good hygiene practices.

Information about protection against explosions and fires: Sanding, sawing or machining can result in the generation of dust that can present an explosion hazard if a dust cloud contacts an ignition source.

Requirements for storage rooms: Storage area has to be indoor, well ventilated and damp free.

Further information about storage conditions: Relative humidity should be kept under 60%.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation:

No special ventilation requirements for product as sold. Provide adequate ventilation to meet exposure guideline if operations generate dust.

Personal Protection:

General protective and hygienic measures: There is no special risk to health in handling this product.

Wear protective equipment when machining the product.

Breathing equipment: Not required. Dust mask when sanding, sawing or machining the product.

Protection of hands: Wear protective gloves when handling.

Eye protection: Safety glasses recommended during mechanical machining.

Work/Hygiene Practices:

Follow good hygienic and housekeeping practices. Clean up areas where cork dust settles to avoid excessive accumulation of this combustible material. Minimize practices that generate high airborne-dust concentrations.

9 PHYSICAL AND CHEMICAL PROPERTIES

Form: Solid, in rolls.

Colour: Natural cork colour or according to product specification.

Smell: Odourless/cork.

Boiling point: N/A

Freezing/Melting point: N/A

Vapour Pressure: N/A

Vapour Density: N/A

Self-flammability: Product is not self igniting.

Danger of explosion: Product is not explosive.

Density at 20°C: 180 – 220 Kg/m³ (depending on the type).

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Solubility in / Miscibility with Water: Not miscible.

Viscosity: N/A

pH: N/A

10 STABILITY AND REACTIVITY

Stability: The product is stable when used as intended.

Materials to avoid (incompatibility): None.

Conditions to avoid: Avoid exposure to open flame.

Hazardous Decomposition products: No decomposition if used according to specifications.

Thermal decomposition products include carbon oxides (CO and CO₂).

Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

Toxicity to Animals: N/A. This product is not expected to be toxic to animals.

Toxicity to Humans: N/A. This product is not expected to be toxic to humans.

Sensitization: No sensitizing effect known.

Additional toxicological information: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 ECOLOGICAL INFORMATION

General notes: If correctly used, no environmentally harmful effects are to be expected.

Degradability: 100%.

Mobility: N/A.

Ecotoxicity: N/A. Not expected to be ecotoxic.

Toxicity of the Products of Biodegradation: N/A.

13 DISPOSAL CONSIDERATIONS

Product

Recommendation: Disposal according to local legislation. If possible, recycle the product. It may be landfilled or incinerated under adherence to the official regulations.

Packaging

Recommendation: Recycle. Disposal must be made according to official regulations.

14 TRANSPORT INFORMATION

Product is not qualified as dangerous.

Not regulated as a hazardous material by the U.S. Department of Transportation.

Not listed as a hazardous material in Canadian Transportation of Dangerous Goods (TDG) regulations.

Land transport ADR/RID-GGVS/E Class: N/A

Maritime transport IMDG/GGVSea Class: N/A

Marine pollutant: No

Air transport ICAO-TI/IATA-DGR Class: N/A

15 REGULATORY INFORMATION

Observe the normal safety regulations when handling.

Classification: N/A

Hazards labels: N/A

R-phrases: N/A

S-phrases: N/A

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16 OTHER INFORMATION

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing data specification sheet: Product management.

Contact: Product management