

**CORK CC2004**

## MATERIAL SAFETY DATA SHEET

According to EEC Directive 91/155/EC: Dangerous substances and preparations

Completion date: 01 June 1998

Last update: 13th February 2012

**1. GENERAL INFORMATION.**

Identification of substance or preparation:	Composite of cork with nitrile and styrene butadiene rubber binder.
Commercial product name:	CC2004.
Information provided by:	The manufacturer.

**2. COMPOSITION / INFORMATION ON INGREDIENTS.**

Chemical composition:	Acrylonitrile butadiene copolymer, styrene butadiene copolymer and cork (suberin, lignin and cellulose).
Application:	Gasket material.

**3. HAZARDS IDENTIFICATION.**

The product is not considered to present any hazards when processed according to correct working procedures.



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**4. FIRST AID MEASURES.**

Inhalation:	Dust inhalation, inhalation of vapours from heated products, inhalation of vapours due to thermal decomposition -Move to fresh air in case of persistent problems consult a doctor.
Skin contact:	Cool skin with cold water after contact with molten compound remove product with vegetable oil or paraffin. In case of adhesion, do not try to remove product. Treat the affected areas as thermal burns.
Eye contact:	Remove particles remaining under the eyelids. Wash well open immediately, abundantly and thoroughly with water. If irritation persists, consult an ophthalmologist.

**5. FIRE FIGHTING MEASURES.**

Suitable extinguishing media:	Water spray, foam, carbon dioxide (CO <sub>2</sub> ).
Specific hazards:	Thermal decomposition giving toxic products: carbon monoxide, carbon dioxide and hydrogen chloride gas.
Protective equipment for fire fighters:	In case of fire, wear a self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES.**

Personal protection:	Sweep up to prevent hazard of slipping.
Environmental protection:	Do not release into the environment. Do not let the product enter into drains.
Methods for cleaning up:	Shovel or sweep up. Collect into suitable labelled containers for disposal. Destroy the product by incineration at an approved waste disposal site.

**7. HANDLING AND STORAGE.**

Handling:	Ensure appropriate exhaust ventilation at machinery.
Storage:	Store protected from moisture and heat.

**8. EXPOSURE CONTROL / PERSONAL PROTECTION.**

General:	No special precautions necessary under normal processing.
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**9. PHYSICAL AND CHEMICAL PROPERTIES.**

Appearance:	Solid in block, log, roll or sheet form.
Colour:	Black.
Odour:	Faint.
Specific gravity (25°C):	0.480 min.
Flash point:	Not applicable.
Solubility in water:	Insoluble.

**10. STABILITY AND REACTIVITY.**

Conditions to avoid:	Store protected from moisture and heat.
Hazard decompositions:	Thermal decomposition giving toxic products: carbon monoxide and carbon dioxide (CO <sub>2</sub> ).
Product:	Product: The product is stable at ambient temperatures. Start of exothermal decomposition at about 200 -250°C.

**11. TOXICOLOGICAL INFORMATION.**

Acute toxicity:	According to its composition, this product should not be harmful in normal conditions of use.
Ingestion:	Can be considered not harmful if swallowed.
Inhalation:	Possible irritation of respiratory system. At high temperatures, products of thermal decomposition can be irritating to respiratory system.
Skin contact:	Can be considered as non-irritating to eyes. Contact with the product, when handled at high temperatures, can cause serious burns. At high temperature, products of thermal decomposition can be irritating to the eyes.

**12. ECOLOGICAL INFORMATION.**

Ecotoxicity:	Inert material.
Biological degradation:	Not biodegradable on the base of its structure.

**13. DISPOSAL CONSIDERATION.**

Product:	Landfill or incineration in accordance with federal, state and local regulations. Always consult the relevant local authority before disposal. The material can be recycled. Where possible recycling is preferred to disposal or incineration.
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**14. TRANSPORT INFORMATION.**

Road & Rail (ADR/RID):	Not regulated.
Sea (IMDG/IMO):	Not regulated.
Air (ICAO/IATA):	Not regulated.

**15. REGULATORY INFORMATION.**

EEC Directive:	Not available.
EC classification/Labelling:	Not available.
Dangerous preparation:	Not classified as dangerous (D.1999/45/EC).
Inventories:	EINECS (EU): Conforms TSCA (USA): Conforms DSL (Canada): Conforms

**16. OTHER INFORMATION.**

The information given in this material safety data sheet is based on knowledge available at the time of compilation and is intended to describe the product only in terms of health and safety requirements. It does not signify any warranty with regard to specific properties or specifications. The present product is designed for general industrial use.



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