

Safety Data Sheet

according to Regulation (EC) No 1907/2006

TTF K 104 N

Print date: 10.06.2013

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SECTION 1: Identification of the article and of the company

Identification of the article

TTF K 104 N

Details of the supplier of the safety data sheet

Company name:	LEONHARD KURZ Stiftung & Co. KG	
Street:	Schwabacher Str. 482	
Place:	D-90763 Fürth/Germany	
Telephone:	+49 911 71 41-0	Telefax: +49 911 71 41-357
Contact person:	Environmental and Safety Department	

Emergency telephone number: +49 911/7141-0

SECTION 2: Hazards identification

Classification

No risks worth mentioning. Please observe the information on the safety data sheet at all times.

Label elements

Additional advice on labelling

The product is not a hazardous material according to the German "Gefahrstoffverordnung". Product does not require special labelling according to Directives 67/548/EEC and 1999/45/EC.

Other hazards

Environmental risks: unknown
 Health risks: unknown
 Safety risks: unknown

SECTION 3: Composition/information on ingredients

Chemical characterization

Polyester film with pigmented lacquer coating (organic and/or inorganic pigments).
 Polyester: polyethylene terephthalate approx. 4,5 µm

SECTION 4: First aid measures

Description of first aid measures

General information

No particular procedures necessary when used appropriately.

Most important symptoms and effects, both acute and delayed

Dust can cause itching, scratching or dryness of the skin, respiratory tract and/or eyes.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Water, foam, extinguishing powder and carbon dioxide (CO2)

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Special exposure hazards arising from the article itself, combustion products, resulting gases

When burned the following substances may be developed: Carbon dioxide (CO₂), carbon monoxide (CO), traces of nitrogen oxides (NO_x), hydrogen chloride (HCl) and acetic acid.

Advice for firefighters

Wear a self-contained breathing apparatus and chemical resistant suit.

Additional information

Risk of explosion in the case of an electrostatic charge of the product in the presence of solvent vapours or dust.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

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Methods and material for containment and cleaning up

Collect mechanically.

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling

No special precautionary measures are necessary. Observe the general instructions on industrial work hygiene.

Advice on protection against fire and explosion

Electrostatic charges can be developed on the film. This may cause an explosion in the presence of solvent vapours or product dusts. Process product only in well ventilated rooms.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store product at ambient temperature, avoid heat from direct sunlight and extremes of humidity.

SECTION 8: Exposure controls/personal protection

Exposure controls

Occupational exposure controls

Suck off product dust that may be generated directly at the place of origin.

Protective and hygiene measures

Observe general protection and hygiene measures. Wash hands and face with soap and water after handling and especially before eating or smoking. Avoid breathing the dust.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	solid
Colour:	black
Odour:	characteristic

Changes in the physical state

Melting point:	>220 °C
Boiling point:	n.a.
Flash point:	>300 °C

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Lower explosion limits:	n.a.
Upper explosion limits:	n.a.
Ignition temperature:	>350 °C
Vapour pressure:	n.a.
Density (at 20 °C):	>1,3 g/cm ³
Water solubility: (at 20 °C)	practically insoluble
Viscosity / dynamic:	n.a.
Viscosity / kinematic:	n.a.

SECTION 10: Stability and reactivity

Hazardous decomposition products

Please refer to point 5.

Further information

No hazardous reaction when used appropriately.

SECTION 11: Toxicological information

Information on toxicological effects

Additional information on tests

Harmful effects due to exposure to the product are not known.

SECTION 12: Ecological information

Further information

The product presents no risk worth mentioning for the environment.

SECTION 13: Disposal considerations

Waste treatment methods

Advice on disposal

Waste material can be correctly burned in a suitable incinerator in accordance with local regulations .

Packaging materials like carton and film can be recycled.

Waste disposal number of waste from residues/unused products

120199 Waste otherwise not specified.

Waste disposal number of used product

120199 Waste otherwise not specified.

SECTION 14: Transport information

Other applicable information

Not a hazardous material with respect to transportation regulations.

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the article

EU regulatory information

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Additional information

This product is not a hazardous substance or preparation according to the EC directives 67/548/EEC, 1999/45/EC and EC regulation 1272/2008 (GHS).

National regulatory information

Water contaminating class (D): - - not water contaminating

SECTION 16: Other information**Further Information**

According to the information received from our raw material suppliers and according to the foil formulation the foil coating complies with the EN 71, Part 3 (88/378/EEC) regarding heavy metal content.

Since no examination of each individual production batch is made with regard to compliance with the a. m. regulations, no guarantee or warranty is provided, that in every single case the permitted limits might not be exceeded. In case of need upon request and based on a written agreement we can provide you with tested and certified foils against charging of a price surcharge as well as of the costs for examination by an approved testing laboratory.

The information provided herein is given according to our best knowledge and experience as of the date of this document, but **NO REPRESENTATION, GUARANTEE OR WARRANTY, EXPRESS OR IMPLIED IS MADE AS TO THE ACCURACY, RELIABILITY OR COMPLETENES OF THE INFORMATION OR TO ANY SPECIAL QUALITY OR FITNESS OF THE PRODUCTS FOR A SPECIAL APPLICATION.** This information does not release our customer from his own liability for care examination of any fitness of the products for his special application. This especially applies to any further production steps following subsequent to the foil application, which may have considerable influence on the result of the foil application, but which are completely out of the control of Kurz.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)