

TECHNICAL DATA SHEET**1. Identification of the product and of the company/undertaking****Product identifier**

Product No.:	Description
8999600411	Filter for DE 415/915/1025 L
8999100411	Filter for DE 1230

Filter Element (PET) for dust extractors, Ø 184x140 mm.

To filter dust in dust extractors 915/915 L and 915 M. Maximum particle size 2 µm. Filtration efficiency 99,97%

Details of the supplier:

Company: Mirka Ltd
Address: Pensalavägen 210
FI-66850 Jeppo, Finland
Phone: +358 20 760 2111
E-mail: sales@mirka.com

Emergency telephone number:

+358 20 760 2111
Opening hours: Monday – Friday at 08:00 a.m. – 04:00 p.m. (UTC/GMT +2:00/+3:00)

2. Hazard identification:

POTENTIAL HEALT EFFECTS

Eye contact: Not likely, because the dust extractor stands on the floor

Skin contact: No allergic reaction known

Inhalation: Refer to the instructions for use of the used dust extractor

Ingestion: Not applicable

3. Composition / Information on ingredients:

This product is not hazardous as defined in 29 CFR1910.1200
Filter medium material PET (polyethyleneterephtalate) Gasket material PU
(polyurethane).



4. First Aid Measures

Eye contact: Particulates may scratch eye surface/cause mechanical irritation

Skin contact: Not applicable

Inhalation: Refer to the instructions for use of the used dust extractor

Ingestion: Not applicable

5. Fire fighting measures

Flash Point: 343° C/649° F. Note: Estimated; Greater than.

Flammable Limits: Not applicable.

Auto ignition Temp.: Not applicable.

General Hazard: Solid material, may burn at or above flashpoint, and airborne dust may explode if ignited, or cause irritation. Toxic gases will form upon combustion.

Fire Fighting: Use water spray to cool fire exposed surfaces, protect personnel, and extinguish the fire. Respiratory and eye protection required for fire fighting personnel.

Decomposition

Products under fire

conditions: Oxygen-lean conditions may produce monoxide and irritation smote.

6. Accidental release measures

Land spill: Not applicable

Water spill: Not applicable



7. Handling and storage

Electrostatic accumulation

hazard: Keep clean

Storage temperature: Ambient.

Loading/Unloading temperature: Ambient.

Storage/Transport pressure: Atmospheric.

Loading/Unloading viscosity: Solid.

Storage and handling: Store in a cool, well ventilated place, away from incompatible materials. Do NOT handle or store near open flame, heat or other sources of ignition. Handle in accordance with the instructions for use. Use proper bonding/ grounding procedures.

8. Exposure control / Personal protection

Exposure controls: Local exhaust ventilation of process equipment may be needed to control particulate exposures to below the recommended exposure limit. See personal protection recommendations in the instructions for use of the used tool and dust extractor.

Personal Protection: Refer to the instructions for use of the used tool and dust extractor. Where contact is likely with open systems at ambient temperatures (- 18° C to 38° C, 0° F to 100° F), wear safety glasses with side shields.

Workplace exposure guidelines:

OSHA REGULATION 29FR1910.1000 REQUIRES THE FOLLOWING PERMISSIBLE. EXPOSURE LIMITS: 5 mg/m³ (respirable dust), and 15 mg/ m³ (total dust) based on the OSHA. The recommended permissible exposure levels indicated above reflect the levels revised by OSHA in 1989 or in subsequent regulatory activity. Although the 1989 levels have since been vacated by the 11th Circuit Court of Appeals, KWH Mirka Ltd recommends that the lower exposure levels be observed as reasonable worker protection.

THE ACGIH RECOMMENDS THE FOLLOWING THRESHOLD LIMIT VALUES: A TWA of 10 mg/m³ for inhalable particulate (total dust) and a TWA of 3 mg/m³ for respirable particulate (total dust) for Particulates Not Otherwise Classified (PNOC).



9. Physical and chemical properties

Specific gravity at ° F: Not applicable.

**Vapor pressure,
mmHg at ° F:** Not applicable.

**Solubility in water,
wt. % at ° F:** Insoluble.

**Viscosity of liquid,
cST at ° F:** Not applicable.

**Sp. grav. of vapor,
at 1 atm (Air = 1):** Not applicable.

Freezing/melting point, ° F: 210 to 240 (99 to 115 C).

**Evaportaion rate,
n-Bu Acetate = 1:** Not applicable.

Boiling point, ° F: Not applicable.

10. Stability and reactivity

Stability: Stable.

Condition to avoid instability: Not applicable.

Hazardous polymerization: Will not occur.

**Conditions to avoid hazardous
polymerization:** Not applicable.

**Material and conditions to
avoid incompatibility:** Temperatures above 300° F (150° C) with Fluorine.

**Hazardous decomposition
Products:** Not applicable.

11. Toxicological information

Please refer to Section 3 for available information on potential health effects.



12. Ecological information

No specific ecological data are available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

13. Disposal considerations

Please refer to Section 5, 6 and 15 for disposal and regulatory information.

14. Transportation information

Department of transportation

(DOT): This product is not DOT regulated.

15. Regulatory information

TSCA: This product is not listed on the TSCA Inventory

CERCLA: If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act. We recommend you contact local authorities to determine if there may be other local reporting requirements.

SARA TITLE III: Under the provision of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the Not Hazardous. This product does not contain Section 313 Reportable Ingredients.

16. Other information

NOTES: Keep clean.
Avoid accumulation of dust or dust clouds; operate handling and storage systems leak free, practice good housekeeping. Keep from sources of ignition. Do not store near heat, flame, or strong oxidants. Assure proper electrical grounding of all handling equipment.

Product may also contain varying levels of additives, such as slip and antiblocking agents, antioxidants, stabilizers, and corrosion inhibitors. Certain grades may contain cristobalite, a form of crystalline silica, as an additive that is encapsulated in the polymer. Inhaled crystalline silica in an occupational environment has been classified as a Group 1 human carcinogen by the International Agency for research on Cancer.



However, Mirka Ltd has assessed the potential for release of silica to the air when this polymer is handled and has determined that silica encapsulated in this polymer is not expected to pose a health hazard when processed under normal conditions of use.

HAZARD RATING SYSTEMS:

This information is for people trained in:
National Paint & Coatings Association's (NPCA)
Hazardous Materials Identification System (HMIS)
National Fire Protection Association (NFPA 704)
Identification of the Fire Hazards of Materials

	NPCA-HMIS	NFPA 704	KEY
HEALT	1	1	4 = Severe
FLAMMABILITY	1	1	3 = Serious
REACTIVITY	0	0	2 = Moderate
			1 = Slight
			0 = Minimal

CAUTION: HMIS rating are based on a 0 – 4 rating scale with 1 representing minimal hazards or risks, and 4 representing significant hazards or risks. Recommended HMIS ratings should not be used in the absence of a fully implemented HMIS hazard communication program.

Revision Summary:

First edition

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability or any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

