

MATERIAL SAFETY DATA SHEET**Pneumatic Dual Operator Kit**

Date of issue: 21.05.2008

Code: 8992510211

1 IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Identification of the product:	Dual operator kit for suction of two pneumatic tools, consisting of Y-shaped suction hose connector 50 mm dia conductive fitting Y-shaped pneumatic fitting 50 mm dia plug
Intended purpose:	To connect two suction hoses and two pneumatic tools to one vacuum cleaner.
Company identification:	KWH Mirka Ltd Pensalavägen 210 66850 Jeppo Finland Phone: +358 20 760 2111 Fax: +358 20 760 2290

2 COMPOSITION/INFORMATION ON INGREDIENTS

This product is not hazardous as defined in 29 CFR1910.1200

3 HAZARDS

POTENTIAL HEALT EFFECTS

Eye contact:	Not likely, due to large size
Skin contact:	Not applicable
Inhalation:	Refer to the instructions for use of the used vacuum cleaner
Ingestion:	Not applicable

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 vacuum cleaner
Ingestion:	Not applicable

5 FIRE FIGHTING MEASURES

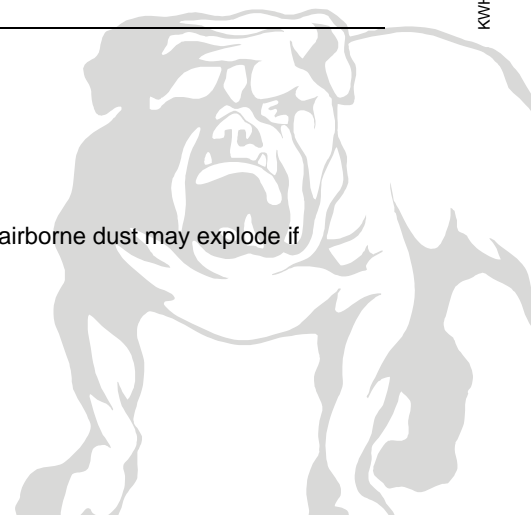
Flash Point:	343° C/649° F. Note: Estimated; Greater than.
Flammable Limits:	Not applicable.
Auto ignition Temp.:	Not applicable.
General Hazard:	Solid material, may burn at or above flashpoint, and airborne dust may explode if ignited, or cause irritation Toxic gases will form upon combustion.



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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.

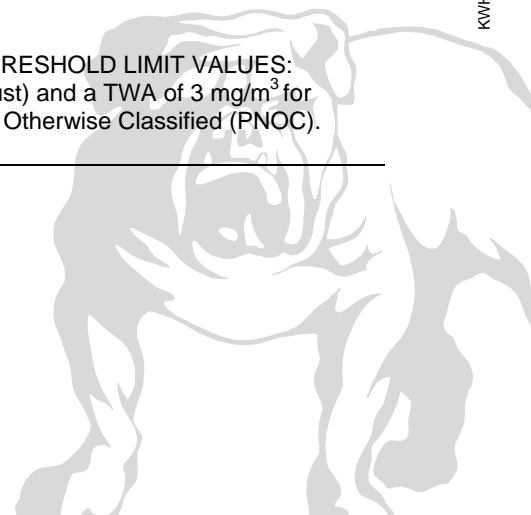
8 EXPOSURE CONTROL / PERSONAL PROTECTION

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

Personal Protection: Refer to the instructions for use of the used tool and vacuum cleaner
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 off 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:	0.91 - .96
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 CONSIDERATION

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

14 TRANSPORTATION INFORMATION

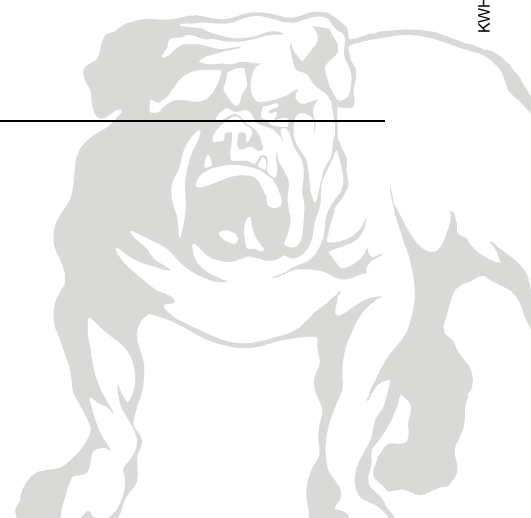
Department of transportation (DOT): This product is not DOT regulated.



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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, KWH 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.



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