

SECTION 1. CHEMICAL PRODUCT AND COMPANY NAME**Cut-Off Wheel**

**Part No. 724111-A-25, 724112-A-25
724113-A-25, 734114-A-25
724115-A-25, 724116-A-25
724117-A-25, 724118-A-25**

Safety Data Sheet

Complies with the OSHA Hazard
Communication Standard :
29 CFR 1910 1200

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	Date Revised:	08/12/2014

EMERGENCY CONTACT INFORMATION

Telephone Number for Information: MAKITA: 1-510-657-9881
Emergency Response

For Chemical Emergency
Spills, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada 1-800-424-9300

SECTION 2. HAZARD IDENTIFICATION

2.1. Classification:	Not applicable Abrasives are articles and not dangerous substances or mixtures according to directive 1999/45/EC or Regulation (EC) N° 1272/2008. See also Section 8 and 16.
2.2. Label Elements:	Abrasives are articles and not dangerous substances or mixtures and therefore no labeling is required according to directive 1999/45/EC or Regulation (EC) N° 1272/2008.
2.3. Other Hazards:	Not known

SECTION 3. COMPOSITION, INFORMATION OR INGREDIENTS

The product contains the following ingredients which are classified according to 67/548/EEC or Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists:

Substance	EC-N°	CAS-N°	REACH Registration N°	Cone.(%)	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)		Classification acc. to Directive 67/548/EWC
					Hazard Classes/ Hazard Categories	Hazard Statements	
Kryolith	237-410-6	13775-53-6		9-14%	STOT wdh. 1 Akut. Tox. 4 Akut. Tox. 4 Aqu. chron. 2	H372 H332 H302 H411	T; R48/23/25 Xn; R20/22 N; R51/53

(For full text of H- and R-phrases see Section 16)

SECTION 4. FIRST AID MEASURE

See also Section 8 and 16

4.1. Description of First Aid Measures

Inhalation:	Not possible, due to the form of the product
Eye Contact:	Not possible, due to the form of the product
Skin Contact:	No harmful effects known
Ingestion:	Not likely, due to the form of the product; if necessary contact physician
Note to Physician:	Not available.

4.2. Most important symptoms and effects, both acute and delayed

Not known

4.3. Indication of any immediate medical attention and special treatment needed

Not Relevant: Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

5.1. Extinguishing Media: Extinguishing Media: Water, foam, sand, powder or CO₂ as appropriate for surrounding materials

5.2. Special Hazards Arising from the Product Toxic fumes may occur. Use respiratory protective equipment.

5.3. Advice for Fire Fighters Extinguishing materials should be selected according to the surrounding area.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Not applicable

SECTION 7. HANDLING AND STORAGE

Follow instructions of grinding machine manufacturers and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. Control Parameters

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

Occupational exposure limit values and/or biological limit values

Keep exposure to the following components under surveillance. (Observe also the regional official regulations)

Limit Value Type (Country of Origin)	Substance	EC-N ^o	CAS-N ^o	Occupational Limit Value				Peak Limit	Source Remark
				Long Term		Short Term			
				mg/m ³	ml/m ³ (ppm)	mg/m ³	ml/m ³ (ppm)		
(D)	Kryolith	237-410-6	13775-53-6	1,00				4,00	TRGS900

Note: Hazardous dust of the work piece material may be generated during grinding and/or sanding operations. National regulations for dust exposure limit values have to be taken into consideration.

CONTINUED: SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.2. Exposure Controls

8.2.1. Individual protection measures

- 8.2.1.1. Respiratory Protection:** Use respiratory protective equipment
(type depends on specific application and material being ground)
- 8.2.1.2. Hand Protection:** Wear protective gloves
(type depends on specific application and material being ground)
- 8.2.1.3. Eye Protection:** Wear protective goggles or face shield
(type depends on specific application and material being ground)
- 8.2.1.4. Hearing Protection:** Use hearing protection
(type depends on specific application and material being ground)
- 8.2.1.5. Body Protection:** Use protective clothing
(type depends on specific application and material being ground)

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

- 9.1 Physical State:** solid
- 9.2 Colour:** depending of product type
- 9.3 Solubility in Water:** not indicated.
- 9.2. Other Information:** None

SECTION 10. STABILITY AND REACTIVITY

- 10.1. Reactivity:** Coated Abrasives are stable when handled or stored correctly.
- 10.2. Chemical Stability:** No decomposition in normal use.
- 10.3. Possibility of Hazardous Reactions:** No dangerous reactions known
- 10.4. Conditions to Avoid:** Coated Abrasives are stable when handled or stored correctly.
- 10.5. Incompatible Materials:** No dangerous reactions known.
- 10.6. Hazardous Decomposition Products:** At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated.

SECTION 11. TOXICOLOGICAL INFORMATION

- 11.1. Information on Toxicological Effects:** No toxicological effects if inhaled or swallowed or with eye or skin contact are known. See also Section 8.

SECTION 12. ECOLOGICAL INFORMATION

- 12.1. Toxicity:** No effects known.
- 12.2. Persistence and Degradability:** No biodegradable potentials known.
- 12.3. Bioaccumulative Potential:** No potentials known.
- 12.4. Mobility in Soil:** No potentials known.
- 12.5. Results of PBT and vPvB Assessment:** Not relevant.
- 12.6. Other Adverse Effects:** No effects known.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

13.1. Product: Follow national and regional regulations.

Due to the ingredients and properties disposal as non-hazardous waste (2000/532/EC) is possible if no hazardous materials are added to the abrasives. (EWC- Nr. 120121)

Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) (EWC- Nr.120120)

13.2. Packing: Follow national and regional regulations.

SECTION 14. TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15. REGULATORY INFORMATION

15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Product:

No specific labeling requirements under respective EC directives.

15.2. Chemical Safety Assessment: Not relevant.

SECTION 16. OTHER INFORMATION

Literature and Data Sources:

Directive (1999/45/EC), amended by Regulation (EC) N°. 1907/2006.

Directive (67/548/EWG), amended by Directive 2009/2/EC.

REACH Regulation (EC) Nr. 1907/2006, amended by Regulation (EC) N° 552/2009.

Regulation (EC) N° 1272/2008, amended by Regulation (EC) N° 790/2009.

Directive 2000/39/EG, amended by Directive 2009/161/EC

Directive 75/324/EWG, amended by Regulation (EC) N° 219/2009.

Transport regulations according to ADR, RID and IATA

Hazard Statements Referred to in Section 2 and 3

According to Regulation (EC) N° 1272/2008:

H302 Harmful if swallowed.

H332 Harmful if inhaled.

H372 Causes damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

According to Directive 67/548/EWC:

R20 harmful on inhalation.

R22 harmful if swallowed.

R23 toxic on inhalation.

R25 toxic if swallowed.

R48 danger of serious damage to health by prolonged exposure.

R51 toxic to aquatic organisms.

R53 may cause long-term adverse effects in aquatic environment.

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product. The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.