

1. IDENTIFICATION OF PRODUCT AND COMPANY:

Product Identity / Trade Name: Aluminum Oxide Fiber Discs

Forney SKUs: 71652, 71653, 71654, 71655, 71656, 71657, 71659, 71660, 71661, 71662, 71663, 71664, 71666, 71667, 71668, 71669, 71670, 71671

Product Use: Abrasives for industrial and professional application.

Company:

Company: Forney Industries, Inc.

Address : 2057 Vermont Drive
Fort Collins, CO 80525

Phone: 800-521-6038

Fax: 970-498-9505

E-mail: customerservice@forneyind.com

2. HAZARDS IDENTIFICATION

Not classified as hazardous according OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Label elements: not applicable.

Other hazards: not known.

3. COMPOSITION / INFORMATION ON 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#	CAS#	Conc. %	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)	
				Hazard Classes / Hazard Categories	Hazard Statements
Cryolite	237-410-6	13775-53-6	1 - 8%	Acute Tox. 4	H332
				STOT wdh. 1	H372
				Acute Tox. 4	H302
				Aqu. chron. 2	H411

Additional information: see section 16.

4. FIRST AID MEASURES

See also section 8 and 16.

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.

Most important symptoms and effects, both acute and delayed: not known.

Indication of any immediate medical attention and special treatment needed: not relevant. Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: water, foam, sand, powder or CO2 as appropriate for surrounding materials.

Special hazards arising from the product: toxic fumes may occur. Use respiratory protective equipment.

Advice for fire fighters: extinguishing materials should be selected according to the surrounding area.

6. ACCIDENTAL RELEASE MEASURES

Not applicable.

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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)

Substance	CAS#	Agency	Threshold Limits
Cryolite	15096-52-3	ACGIH OSHA	TWA (as F): 2.5 mg/m ³ TWA (as dust): 2.5 mg/ m ³
Alpha-Alumina	13-44-28-4	OSHA CMRG	TWA (as total dust): 15 mg/ m ³ (respirable fraction): 5 mg/m ³ TWA: 1 fiber /cm ³

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

Exposure Controls:

Individual protection measures:

Respiratory protection: use respiratory protective equipment (*).

Hand protection: wear protective gloves (*).

Eye protection: wear protective goggles or face shield (*).

Hearing protection: use hearing protection (*).

Body protection: use protective clothing (*).

*Type depends on specific application and material being ground.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: solid.

Color: not applicable/different colors.

pH: not applicable.

Melting point: not applicable.

Boiling point: not applicable.

Density: not applicable.

Viscosity: not applicable.

Solubility in water: not relevant (article).

10. STABILITY AND REACTIVITY

Reactivity: coated abrasives are stable when handled or stored correctly.

Chemical stability: no decomposition in normal use.

Possibility of hazardous reactions: no dangerous reactions known.

Conditions to avoid: coated abrasives are stable when handled or stored correctly.

Incompatible materials: no dangerous reactions known.

Hazardous decomposition products: at temperatures exceeding 250° C hazardous or toxic decomposition products may be generated.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects: no toxicological effects if inhaled or swallowed or with eye or skin contact are known. See also section 8.

12. ECOLOGICAL INFORMATION

Toxicity: no effects known.

Persistence and degradability: no biodegradable potentials known.

Bio accumulative potential: no potentials known.

Mobility in soil: no potentials known.

Results of PBT and vPvB assessment: not relevant.

Other adverse effects: no effects known.

13. DISPOSAL CONSIDERATION

Disposal methods:

Product: follow national and regional regulations.

Packing: follow local/ regional/ national/ international regulations.

Abrasive tools include also particles of the tilled material; therefore, referring to information provided in the material safety data sheet is necessary.

- 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*)

Packing: follow national and regional regulations.

14. OTHER INFORMATION

Disclaimer:

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. FORNEY INDUSTRIES, INC. MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.