

**1 Identification**

Supplier: Kimball Midwest  
4800 Roberts Road  
Columbus, OH 43228

Contact: Kimball Midwest  
Phone: 800-233-1294  
Product Number: 87-1000, 87-1001, 87-1002, 87-1004, 87-1005, 87-1006, 87-1010, 87-1011, 87-1012, 87-1014, 87-1015, 87-1016, 87-1017, 87-1018, 87-1019  
Product Name: Ultra Max Flap Discs  
Revision Date: 10/1/18  
Version 1: 1  
CAS Number: Mixture  
Product Use: Abrasives for industrial and professional applications  
Emergency Phone: Chemtrec 800-424-9300

**2 Hazards Identification**

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

GHS Signal Word: N/A  
GHS Classifications: N/A  
Hazard Statements: N/A  
Precautionary Statements: N/A

**3 Composition/Information on Ingredients**

## Ingredients

CAS #	Percentage	Chemical Name
13775-53-6	1-20%	Cryolite
14075-53-7	1-10%	Potassium fluoroborate

Inhalation: Dust from this product may cause irritation to the respiratory tract. If breathing is difficult, remove the victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact: Wash with soap and water. Wash contaminated clothing before re-use.

Eye Contact: Dust from this product may cause eye irritation. Flush immediately with water. Obtain medical attention if irritation, pain, or redness persists.

Ingestion: Not likely, due to the form of the product; if necessary, contact physician



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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

Extinguishing Media: water, foam, sand, powder or CO2 as appropriate for surrounding materials

Special Hazards Arising from the Substance or Mixture: Toxic fumes may occur. Use respiratory protective equipment.

Advice for Firefighters: Extinguishing materials should be selected according to the surrounding area.

Further Information:

See Section 7 for more information on safe handling.

See Section 8 for more information on personal protection equipment.

## 6 Accidental Release Measures

Not applicable.

Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for information on proper disposal.

## 7 Handling and Storage

Store under normal warehouse conditions.

## 8 Exposure Controls/Person Protection

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-N°	Agency	Threshold limits
Cryolite	15096-52-3	ACGIH	TWA (as F): 2.5 mg/m3
OSHA		TWA (as dust): 2.5 mg/m3, TWA (as F): 2.5 mg/m3	
Alpha-Alumina	13-44-28-4	OSHA	TWA (as total dust): 15 mg/m3 TWA (respirable fraction): 5 mg/m3
CMRG		TWA: 1 fiber /cm3	
Potassium flouoroborate	14075-53-7	ACGIH	TWA (as F): 2.5 mg/m3
OSHA		TWA (as dust): 2.5 mg/m3, TWA (as F): 2.5 mg/m3	

ACGIH: American Conference of governmental Industrial Hygienists

CMRG: Chemical Manufacturer's Recommended Guidelines

OSHA: United States Department of Labor – Occupational Safety and Health Administration

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

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.

#### 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)

## 9 Physical and Chemical Properties

Physical State: solid

Color: N/A – different colors

pH: N/A

Melting Point: N/A

Boiling Point: N/A

Density: N/A

Viscosity: N/A

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 250C hazardous or toxic decomposition products may be generated.

**11 Toxicological Information**

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.

See also section 8.

**12 Ecological Information**

No known toxicity effects, biodegradable potentials, or other adverse effects.

**13 Disposal Considerations**

Product: Follow local, regional, national, and international regulations.

Contaminated Packaging: Follow local, regional, national, and international regulations.

**14 Transport**

**DOT (US)** Non-regulated material

**IMDG** Non-regulated material

**IATA** Non-regulated material

**IMO** Non-regulated material

**15 Regulatory Information**

Safety, health and environmental regulations/legislation specific for the product:

No specific labelling requirements under respective EC directives.

Chemical safety assessment:

Not relevant.

**16 Other Information**

Disclaimer:

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The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material in any process. The information set forth herein is furnished free of charge and is based on technical data that the supplier believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside of the supplier's control, the supplier makes no warranties, expressed or implied, and assumes no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe upon, any patents.